



HNN3.0

HEALTH-NCP-NET

Catalogue of Partner Expertise from Widening Countries - Part 2

www.healthncp.net



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

INTRODUCTION

The HNN3.0 project tool “Catalogue of Partner Expertise from Widening Countries - Part 2” was developed collecting information from participants of the Horizon Europe Cluster “Health” Centralised Brokerage Event*, that was held online in 2024.

The catalogue represents a comprehensive dataset that contains detailed profiles of individuals and their organizations, highlighting their specific skills, areas of expertise and competencies. Profiles are arranged in alphabetical order according to the last name of the participant.

A catalogue of partner expertise profiles has the potential to connect individuals and organizations based on their skills, knowledge, and collaboration needs. It leverages detailed profiles to facilitate successful collaborations under Horizon Europe and enhances the efficiency of the partner selection process.

In summary, this tool is valuable for Horizon Europe consortia building to identify and engage with potential partners from the Widening Countries who possess the specific skills and knowledge required for enhanced collaboration under Cluster “Health” calls.

HISTORY OF CHANGES

- 1.0 13.08.2025 Initial version published
- 1.1 23.09.2025 Updated version published with additional partner expertise from the event
- 1.2 03.11.2025 Updated version published with additional modification of the format

* *This partnering event was organised as support for consortium building for the Horizon Europe Health Cluster calls (<https://cluster-health-horizon-europe-brokerage2024.b2match.io/>)*



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Amar Abbas,
Malta Medicines Authority
Advanced Scientific Initiatives Senior Pharmacist

ABOUT

The Mission of the Medicines Authority is to protect and enhance public health through the regulation of medicinal products and pharmaceutical activities.

🔗 <https://medicinesauthority.gov.mt/>

OPPORTUNITIES

◆ Project Cooperation

Developing a Real World Evidence (RWE) framework and Registry for Cannabis for Medicinal Purposes

The use of cannabis for medicinal purposes is a relatively new area of research that lacks regulatory frameworks to guide its use. The legalization of medical cannabis in Malta presents an opportunity to develop and implement a real-world evidence (RWE) regulatory framework and a registry for cannabis for medicinal purposes. This study aims to establish a registry & framework that will ensure the safety, efficacy, and quality of cannabis-based products for medicinal purposes in Malta, based on the principles of evidence-based medicine.

The primary objectives of this study are as follows:

- ◆ Develop and implement a real-world evidence regulatory framework and registry for cannabis for medicinal purposes in Malta.
- ◆ Monitor the safety and efficacy of quality cannabis-based products for medicinal purposes.
- ◆ Establish an online registry for data sharing, facilitating clinical and regulatory development planning or monitoring.

John Abe
Ablny Technologies & Partners (ATP)
CPO & Research Consultant Lead

ABOUT

We at Ablny Technologies & Partners(ATP) are excited to introduce our innovative solutions that enable businesses to thrive in the digital age. Our cutting-edge technology and design are aimed at driving efficiency, increasing productivity, and unlocking new opportunities for growth. We are dedicated to shaping the future of health, cities, and manufacturing through our advanced predictive analytics, data-as-a-service platform, augmented reality, IoT analytics, digital twin development, and additive manufacturing technologies. Our aim is to help companies, industry, entities, of all sizes harness the full potential of technology to create lasting value for their businesses.

Our partnership with industry leaders in the Internet of Things (IoT) has allowed us to create a groundbreaking system that provides manufacturers with real-time data and analytics to help optimize their performance. The system is designed to increase productivity, reduce downtime, and support manufacturing by enabling parts to be harvested. Our AI solutions are revolutionizing the process of learning and understanding, which is enabling faster scientific discovery. This has applications in areas such as climate change mitigation, developing technologies that support the transition to a circular economy, and much more.

In addition to our IoT solutions, we are also offering a Platform-As-A-Service (PaaS) for IoT, Blockchain, and Sustainability solutions. This core product provides a comprehensive range of services and tools to help businesses build, deploy, and manage their IoT and blockchain applications. With our PaaS, businesses can harness the power of blockchain to streamline their processes, increase transparency, and create more sustainable business models.

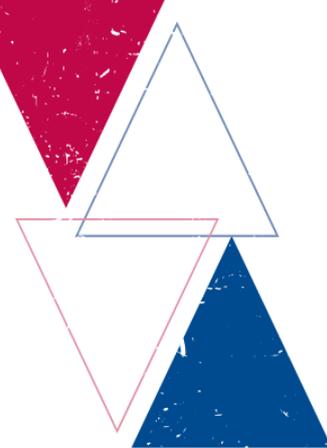


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We are also proud to announce our partnership with a number of stakeholders for HORIZON Europe calls, where we are ready to deploy a variety of IT/AI solutions, products, and web services to help drive innovation in the construction, building system, electricity distribution, textiles, and white goods industries. Our demonstrators, use case providers, management experience, and research partners are all ready to work alongside us to create lasting value for businesses across these industries.

At ATP, we believe in combining broad IT solutions with deep technology skills to help our clients draw business value from new technological capabilities. We are committed to providing our clients with the tools and expertise they need to succeed in the digital age. We look forward to working with you to create a brighter future for your business.

<https://www.linkedin.com/company/ablny-technologies/>



OPPORTUNITIES

◆ Project Cooperation

Digital twins for pandemic preparedness and response (non-bias digital platform)

Will develop digital twin solutions for pandemic preparedness and response, including using artificial intelligence, machine learning, and predictive modeling to identify potential pandemics, simulate outbreaks, and evaluate intervention strategies.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

◆ Project Cooperation

Monitoring systems, biosensors, and rapid diagnostic tests (platform)

Conducting epidemiological studies, analyzing data on the spread of diseases, and developing models to predict the risk of pandemics.

Developing tools and technologies for early detection of outbreaks, such as monitoring systems, biosensors, and rapid diagnostic tests.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

◆ Project Cooperation

Digital twin systems models of brain disorders, incorporating fluid-derived biomarkers, neuroimaging data, and clinical information.

These models will be used to simulate disease progression and test the efficacy of preventive interventions. validate the identified biomarkers for their diagnostic and prognostic potential. It will involve testing the biomarkers in large patient cohorts, comparing them to established diagnostic criteria, and evaluating their predictive power.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

◆ Project Cooperation

Platform trial design for pandemic preparedness, using AI and data-driven methods to optimize trial design & AI-powered drug discovery platforms

Developing AI-powered drug discovery platforms for under-researched medical conditions
Development of an adaptive platform trial design for pandemic preparedness, using AI and data-driven methods to optimize trial design and enrolment



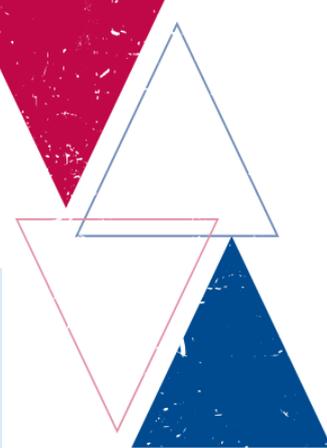
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Cesar Agostinis-Sobrinho
Klaipeda University
Chief Researcher

ABOUT

The Faculty of Health Sciences (Sveikatos mokslų fakultetas, SvMF) is an innovative and dynamic interdisciplinary center of health science competencies, which not only brings researchers, lecturers, and practitioners of science, studies, and project activities together, but also implements public health promotion and education. SvMF is guided by the values of openness to innovation, involvement, diversity, and sustainability, has its activities focused on the current issues of society.

🔗 <http://www.ku.lt/>



Zehra Betül Ahi
KCL R&D Center
R&D Center Manager

ABOUT

KCL was established in 2007 to develop products and technologies based on the collagen molecule. For this purpose, we aim to develop the collagen ecosystem by developing projects that evaluate the leather industry products, waste, and by-products as new value-added products.

KCL Research Focus is Divided into Three Main Areas:

KCL BIOMATERIALS: We are developing innovative biomaterials from animal tissue wastes for tissue engineering, biomedicine, regenerative medicine, and bioprinting applications. The company bases its activity on its technology creation and has obtained patents for two product families, with more applications pending.

KCL HEALTH & NUTRITION: Our team, which conducts research in this field, work to develop alternative food and food additives from waste products. In addition, the development of new protein sources using biotechnological methods and their use for nutritional purposes are also in our fields of interest.

KCL LEATHER & TECHNOLOGY: We work to make the leather industry a non-polluting industry that recycles all of its waste and produces with the principle of zero waste. Re-evaluation of wastes in production, alternative bio-solutions to replace substances prohibited by REACH regulation, and circular economy are among our working areas.

KCL R&D has its own offices, laboratories with top-of-the-line equipment, and a pilot plant for chemical synthesis and fertilizer production. Our laboratories' equipment to synthesize, characterize and process bio-polymers and advanced composites; laboratories are completely equipped for process and characterization concerning the funded project background. KCL is currently involved in 2 Eureka projects, 1 of them coordinated by KCL, and has participated in more than 25 TUBITAK-funded projects.

🔗 <https://www.kazlicesme.com.tr/kcl-ar-ge-merkezi/>

OPPORTUNITIES

◆ **Project Cooperation**

3D Printer Bioink Production and Development 3D Tissue Culture

- ◆ Biomolecule extraction from different animal sources such as bovine, chicken, fish
- ◆ Design and development of collagen, gelatin, elastin, silk fibroin-based hybrid bioink
- ◆ Functionalization bio based polymers
- ◆ Development of bilayered multi-functional scaffolds
- ◆ Biomaterial characterization test, in vivo cell culture analysis
- ◆ Decelulerization of native tissues



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- ◆ Bioactive molecule extraction such as chondroitin sulfate, hyaluronic acid from animal sources

Type

Partner seeks Consortium/Coordinator

Sofia Aires Martins

IBB - Institute for Bioengineering and Biosciences

ABOUT

The Institute for Bioengineering and Biosciences (iBB) is a research unit at Instituto Superior Técnico, Universidade de Lisboa (<https://tecnico.ulisboa.pt>), that aims to merge biological, chemical and engineering disciplines for the benefit of the health, agro-food, industrial, marine and environmental sectors.

KEY WORDS

Organoids (Brain, Heart, Liver)

CRIPR-Cas 9

iPSCs

Biomaterials & disease modelling (3D bioprinting, Piezoelectric, magnetic materials).

Gene and Cell therapies

Microbial drug resistance and opportunistic infections

Microbiome

Drug Delivery systems

iBB values partnerships and is committed in collaborative work to deliver the best outcomes for our partners and society at large. Over the last five years, iBB has been an active partner in R&D projects, collaborating in 14 international projects, including Horizon Europe, H2020 and European partnerships and more than 35 national research or industry-driven projects.

Having a strong drive for knowledge sharing, iBB is a founding member of the Portuguese Roadmap of Research Infrastructures in biodata and bioimaging (Biodata.pt and PPBI.pt), and belongs to the national nodes of ELIXIR, EATRIS and EUROBIOIMAGING European Research Infrastructures.

🔗 <https://tecnico.ulisboa.pt/>

OPPORTUNITIES

- ◆ **Project Cooperation**

Brain, cardiac and liver organoids

What we do:

- 1) derivation of human pluripotent stem cell (hiPSCs) lines by reprogramming cells from healthy individuals and patients;
- 2) standard and scalable propagation of hiPSCs using different bioreactor configurations and under chemically-defined conditions;
- 3) controlled differentiation of hiPSCs into 3D advanced models of the neural, cardiac and hepatic tissues, in particular organoids, and
- 4) molecular, structural and functional characterization of these 3D models, including global characterization by transcriptomics and further bioinformatics analysis.

Type

Partner seeks Consortium/Coordinator



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◆ Project Cooperation

Molecular systems approach for microbiome studies

Research is focusing on the virulence, biofilm formation and drug resistance mechanisms associated with human pathogenic microorganisms including bacteria and fungi.

What we do:

- 1) Construction and exploitation of genome-wide scale metabolic models to provide a comprehensive knowledge on the evolution towards pathogen-related phenotypes (Why and How).
- 2) Genomic fingerprints to support diagnosis and guide best therapeutic options against each specific strain.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

3D-Bioprinting of cells and tissues

What we do:

- 1) Development of novel bioinks

We are able to optimize the development of novel bioinks using different cell types, as well as synthetic, natural and decellularized matrix compounds. Bio-inks can be optimized for cell numbers and viability and rheologic properties. Electrical and magnetic properties can be introduced on the novel bioinks.

- 2) Bioprinting optimization

Includes FRESH and direct extrusion techniques. The use of temperature dependent or photocurable bioinks. The several parameters of the bioprinting properties can be optimized to enhanced printability and to make different structures.

- 3) Bioprinting Designs

Different structures and geometries can be printed according with the final project aim. Different cells can be compartmentalized in different bioprinted layers.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

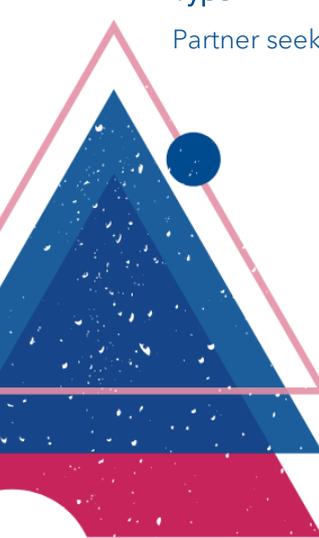
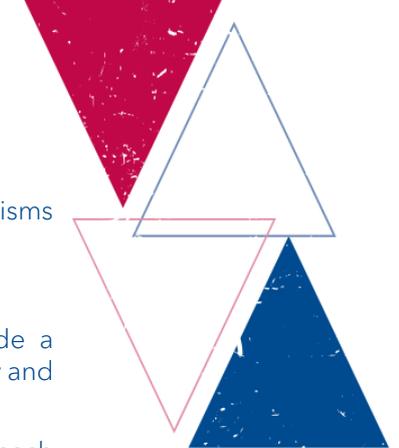
Biomolecular and Bioprocess Platform to produce AMTPs

What we do:

- 1) Development of biological processes - upstream and downstream - production of mRNA, DNA plasmids and minicircles.
- 2) Expansion up to 5 L of adult human stem cells
- 3) Isolation of extracellular vesicles

Type

Partner seeks Consortium/Coordinator



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Melih Akgüngör

Turkish Society of Anaesthesiology and Reanimation

Project Coordinator

ABOUT

The aim of the association is to increase the knowledge and skills of specialty students and specialist physicians in the field of Anesthesiology and Reanimation, to carry out activities to increase the quality of specialty education in Turkey, to establish the necessary infrastructure works to defend the rights of its members and professional group. To carry out studies in harmony with the units, to participate in the lawsuits and investigation processes opened by the legal entity personally or by the members, and to express an opinion.

<http://tard.org.tr/>

OPPORTUNITIES

◆ Project Cooperation

The Green Operating Room

Climate change and environmental degradation are a massive threat to the European Union and to the world. To overcome these problems, our government dealt with and signed the European Green Deal. In this context, we as the Turkish Society of Anaesthesiology and Reanimation Board decided to prepare a project and create a model, which consists of a modeling process, updating the guides and treatment protocols.

The European Green Deal aims to make Europe climate neutral by 2050, boost the economy through green technology, create sustainable industry and transport, and cut pollution. Turning climate and environmental challenges into opportunities will make the transition just and inclusive for all.

In this context, operating rooms (OR) can drive large hospitals' cost savings and efficiency improvements through smart, comprehensive, sustainable practices. Even more important, it's possible to make these changes while not only maintaining quality patient care but also supporting staff and environmental health.

Though a tiny percentage of a hospital's total physical footprint, operating rooms have a huge impact on hospital budgets. Operating rooms, on average:

- Drive up to 60% of a hospital's revenue
- Are responsible for 40 to 60% of the organization's total supply costs - Produce more than 30% of a facility's waste and two-thirds of its regulated medical waste
- Can consume three to six times more energy per square foot than anywhere else in the facility
- Despite a sound business case, one of the greatest challenges for greening the operating room can be convincing the surgical teams, who rely on empirical data and consistencies in structure and process, to consider changes in their respective practices. Practice Greenhealth member hospitals have learned that data, communication, and collaboration across disciplines are crucial to success, especially in the surgical setting.

Our goal is to provide step-by-step resources that simplify any hospital's design, and implementation, and measure the success of efforts that reduce energy use, supply costs, and waste generated in the operating room. All responsible sections in operating rooms will be determined, and calculated for their consumption. We believe that the coordination between key stakeholders in OR is most important.

In this project, we will focus on the low usage of anaesthesia exhalation, recycling material, new waste management, determining the carbon footprint of each device, analyzing the impact of each treatment on the cost & environment, and the major barriers to environmental endeavors in the operating room.

We know well that existing solutions may be complicated and involve key stakeholders beyond the ORs. However, we believe that every attempt should be made to reduce the OR carbon footprint. Determining supplies needed on a case-by-case basis through detailed discussion and an OR team approach may be the beginning steps that can lead to an eventual impactful change for a better and greener OR.



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Aleck Alexopoulos
CERTH
Research Scientist

ABOUT

The Centre for Research and Technology-Hellas (CERTH), founded in 2000, is a leading Research Centre in Greece and in the EU. It is a legal entity governed by private law with non-profit status, supervised by the General Secretariat for Research and Innovation (GSRI) of the Greek Ministry of Development & Investments.

Climate change, sustainable energy, artificial intelligence, advanced robotics, Internet of Things, holistic approaches to healthcare and nutrition, autonomous vehicles smart cities of the future and circular economy, are the primal fields around which CERTH's five (5) institutes are organized. Chemical Process & Energy Resources Institute - CPERI, Information Technologies Institute - ITI, Hellenic Institute of Transport - HIT, Institute of Applied Biosciences - INAB, and Bio-economy and Agro-Technology Institute - IBO, bring together more than 1100 people (engineers and scientists in their majority), in 6 regions and 7 cities.

 <https://www.certh.gr/>

OPPORTUNITIES

◆ **Project Cooperation**

Pandemic Preparedness

Novel computational approaches specifically for aerosol transmitted diseases.

These models bridge the gap between models for specific locales and population balance models.

Type

Partner seeks Consortium/Coordinator

◆ **Project Cooperation**

Movement Algorithms

Computational models of holistic movements, e.g., sit-to-stand test, that can be integrated with other digital and biological metrics via AI models to assess current condition of patient and even determine best treatment strategy.

Applications of interest: pre-surgery assessment, post-surgery rehabilitation.

Type

Partner seeks Consortium/Coordinator

◆ **Project Cooperation**

Medical Device assessment

Developing a diagnostic medical device based on analysis of exhaled air.

Could be an interesting case-study as we are between Class I and IVD ClassIIa and planning to launch in 1.5-2yrs.

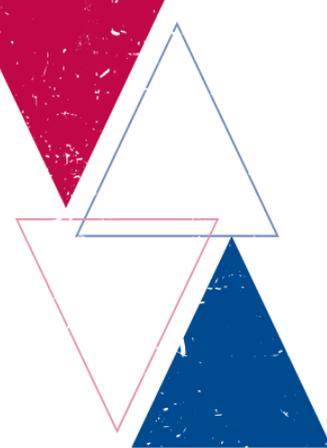
Type

Partner seeks Consortium/Coordinator



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Ana Allen Gomes
UC - FPCEUC (and Integrated Researcher at CINEICC) at
University of Coimbra - Faculty of Psychology and Educational
Sciences (FPCEUC)
R&D Unit CINEICC
True Times Team (FPCEUC)
ChronCogLab - Laboratory of Chronopsychology and Cognitive
Systems (FPCEUC)
Associate Professor



ABOUT

[1] The University of Coimbra is one of the oldest in Europe. It is comprised of eight Faculties and is dedicated to teaching and research.

The FPCEUC was one of the first faculties of psychology in the country. It is one of the Teaching and Research Units of the University of Coimbra. It stimulates teaching and research in psychology.

[2] The University and the Faculty host the Research and Development (R&D) Unit called CINEICC - The Center for Research in Neuropsychology and Cognitive and Behavioral Intervention, which is one of the leading research units in psychology in the country.

[3] The True Times team was formed during a concluded research project (2018-2022) at the FPCEUC and CINEICC and is interested in the continuity of the research undertaken, focused on time-of-day variations in cognitive performances and momentary emotional states considering chronotype and sleep, in children and adolescents.

[4] The ChronCog Lab is hosted by the FPCEUC and CINEICC. It is mainly dedicated to chronopsychology and cognitive systems using experimental designs. In addition, it also gives support to research focused on interventions related to sleep and circadian rhythms (e.g., assessment of cognitive behavioural interventions for sleep problems). We have currently 5 PhD running, and every year several master's degrees research dissertations are supported by this lab.

<https://www.uc.pt/en>

OPPORTUNITIES

◆ Project Cooperation

Chronotype, Sleep, Cognitive functioning and Emotional States in children and adolescents

I have been coordinating team research projects about the combined effects of morningness-eveningness X time of day on several measures of cognitive performance and momentary emotional states in children and adolescents. We want to pursue this line of research. We now need larger samples to achieve greater statistical power, so we need more resources to conduct this kind of research. Therefore we are seeking partners, perhaps for conducting a multicenter study.

Although I have experience coordinating two team projects funded by extramural competitive call grants, I am not experienced in this kind of call promoted by Horizon Europe. Therefore, I am (we are, as a team) seeking a consortium as a partner.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Cognitive behavioral interventions for insomnia/sleep problems

We have a few clinical studies running or in preparation (e.g., pilot RCT; feasibility studies) on CBT for sleep problems, mainly insomnia.



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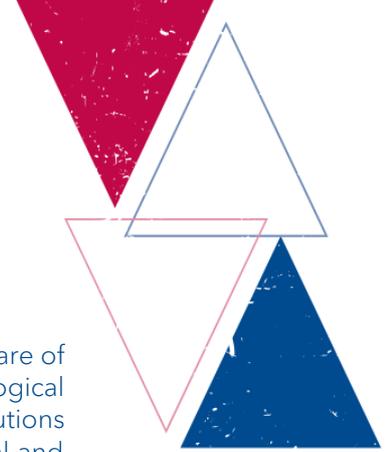
Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Light pollution and sleep behaviours/problems

Given my interest in sleep and circadian rhythms sciences since the mid-nineties, I am aware of the potentially disruptive effects of nighttime light on the sleep-wake cycle and other biological rhythms. I will be glad to integrate a consortium where I could give some contributions regarding light pollution and sleep disruption in community samples using psychological and sleep science methods.



Pricob Andrei-Narcis

BioNanoTech Project Support Centre / "Petru Poni" Institute of Macromolecular Chemistry

Project expert management

ABOUT

The aim of the BioNanoTech Project Support Centre is to promote the European Cooperation in Horizon 2020/Europe projects for Romanian key actors in the field of material science: Eco-nano-technologies and advanced materials (including nanomaterials, nanomedicine etc.). This is one of the main issues to be tackled by the Romanian Smart Specialisation Strategy in the next programming period and it is addressed at both regional and national levels. The BioNanoTech also comes as a direct response to the need of an improved collaboration in the field of research, one of the targets of the Horizon Europe program. Cooperation is built on excellence, a solid collaboration network and on the ability of institutions to mould their profile based on the scientific trends and opportunities offered. Using the experience of one of the best research institutes in Romania - "Petru Poni" Institute of Macromolecular Chemistry, we offer services and consultancy for setting up consortiums and partner search support, consultancy concerning proposal writing and also in project management for research projects.

🔗 <https://www.bionanotech.ro/>

Emmanuel Androulakis

University of Crete, Greece

OPPORTUNITIES

◆ Project Cooperation

Promoting prevention of sudden cardiac death; Focus on preventive cardiology, cardiac rehabilitation and pre-participation athletic screening

Developing the infrastructure and broad collaborations in the field of preventive cardiology, cardiac rehabilitation and pre-participation screening

Developing a or multiple Healthcare providers in Eastern Europe where infrastructure is limited

Liasons and collaboration with renowned Universities of Western Europe

Main foci on a) Developing prevention cardiology b) cardiac rehabilitation c) pre-participation athletic screening

Promoting tools and new strategies, cost beneficial and appropriate for certain regions

Promoting research and collaboration across Institutions and word-class experts in the field



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Aneta Andrzejczyk
Medical University of Lodz
Deputy Director, Office for Research, Strategies and Development

ABOUT

Medical University of Lodz (MUL) <https://en.umed.pl> is the largest medical university in Poland dedicated to medicine, pharmacy, life sciences and public health.

MUL combines research excellence with clinical expertise:

- ◆ Three faculties (medicine with dentistry, nursing and obstetrics, pharmacy, and health sciences)
- ◆ Three Clinical and Teaching Hospitals with over 1,800 test beds (over 2,900 clinicians and over 113,000 patients annually)
- ◆ Centre for Support of Clinical Research,
- ◆ State-of-the-art laboratories: BRaIn (Research Development Innovations in Biomedicine and Pharmacy Campus in Lodz) and MolecLab (Lodz Center for Molecular Research of Civilization Diseases), Medical Simulations Centre
- ◆ Current participation in 11 H2020 projects (including IMI), 2 Horizon Europe, and 1 EU4 Health project, among others.

MUL is among the ten best universities in Poland, ranked as no. 1 in terms of scientific effectiveness, including acquired research grants, staff development and the number of publications and citations.

The scientific staff of MUL consists of approx. 1,650 persons (over 1000 female researchers), including: over 170 full professors (70F), over 200 associate professors (115F), about 800 PhDs (500F), and around 500 with a master's degree, Ph.D. degree, or equivalent.

🔗 <https://en.umed.pl/>

OPPORTUNITIES

- ◆ **Project Cooperation**

Multidirectional activity of metformin and its sulfonamide derivatives

Main aim of our collaborative research has been in the development of metformin prodrugs and derivatives that would have greater anti-diabetic and anti-coagulant effects than the parent drug, metformin, but we have also studied the novel compounds as anti-cancer agents and as potential acetyl/butyrylcholinesterase inhibitors for the treatment in Alzheimer's disease.

Type

Partner seeks Consortium/Coordinator

Marios Antonakakis
Technical University of Crete
Researcher

ABOUT

This laboratory operates under the Division of Telecommunications and conducts active research in applications related to the reception, identification, and diagnosis of operational problems in various signals used in Telecommunications, Industry, and Biomedicine. Research areas: Biomedical image and signal processing. Machine vision and non-invasive diagnosis methods. Search methods in image and video archives. Video processing, analysis and compression. Non-linear systems modeling using artificial intelligence methods. Neural networks and fuzzy logic systems. Time series processing.

🔗 <https://www.display.tuc.gr/index.php?id=17591>



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Athos Antoniadou
Stremble Ventures LTD
CEO, Head of Research

ABOUT

Stremble Ventures Ltd is a research-orientated SME based in Cyprus and specialising in the field of biomedical research with expertise in bioinformatics, multi-omics research and advanced data analytics. The company was established in 2011 by a team of scientists with extensive experience in the domains of clinical, pharmaceutical and genetic research.

Collectively, the management team of Stremble have hundreds of high impact publications and have held leadership roles in both industry and academia, driven consortiums that managed over 200m Euros in research funding, producing patented diagnostic and pharmaceutical products that have achieved regulatory approvals and are on the market. The company has grown steadily in capacity and scope and is actively engaged in a number of public and private funded research actions and clinical trials.

Our portfolio of ongoing biomedical research projects includes the Horizon 2020 project CardioCare, where Stremble leads the work package on multi-omics analysis of cancer patients within a large clinical trial, the national-funded Cyprus Intestinal Health Study (CyIHS) where we conduct the metagenomic studies of cancer patients. SWIPE and Pre-Biome are two of our pharma industry funded clinical trials where we lead analytic actions, including -omics, eCRF and wearables. Stremble is a key partner in the ERC proof-of-concept grant Myeloma-Risk to develop new methods for the early detection of blood cancers. We have successfully completed several National, EU (Horizon 2020) and Industry funded projects including over 12 clinical trials where we led the analyses of genomic, transcriptomics, metagenomics, proteomic or metabolomic data.

Stremble has developed an in-house analytic platform STRAA (Stremble Advanced Analytics) that is designed to integrate multi-omics data from clinical trials and studies as well as exposome (environment) real world data and directly integrate this with wearables and other devices. STRAA is currently deployed on several clinical trials primarily in the fields of cancer, cardiovascular, infectious, neurological and geriatric conditions.

The company specialises in custom analytic and novel bioinformatic solutions which can bridge the gap from cutting-edge research outcomes to market and societal impacts.

We have strong molecular biology, epidemiology, bioinformatics and computational biology teams that are able to lead experimental design, data collection, definition of analyses plans, and execution of efficacy and safety as well as exploratory analytics. Stremble can perform complete sample-to-result processing of clinical samples in all of the omics domains (genomics, transcriptomics, metagenomics, etc.) at highly competitive rates. We are also able to provide advisory services on IPR protection, research exploitation planning, international patents, trademarks and healthcare regulatory affairs.

🔗 <https://stremble.com/>

Cláudia Antunes
ISPUP
Science and technology manager

ABOUT

ISPUP hosts the R&D Unit - Epidemiology Research Unit (EPIUnit) - classified as "excellent" by international panels and nurtured by a multidisciplinary team of researchers that covers population, clinical and translational aspects of Epidemiology. Our infrastructure includes a large population biobank and 10 research cohorts, which feed several national and international multistakeholder studies. ISPUP promotes a strategic liaison with key academic hospitals, national and international scientific bodies, national and local government, and patient organisations, to promote persistent population health improvement and well-being.



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In 2021, EPIUnit joined the Associate Lab for Integrative and Translational Research in Population Health (ITR). ITR is an interdisciplinary community that includes 180 doctorated scientists who promote innovative research in Population Health, and its translation into evidence-driven policy. ISPUP has been participating in more than 15 EU-funded projects.

<https://ispup.up.pt/en/>

Katalin Arany

HCEMM

Project Manager

ABOUT

The Hungarian Centre of Excellence for Molecular Medicine (HCEMM) is working on research and development related to healthy ageing. For the administration of the HCEMM program, HCEMM Kft. was incorporated by the Biological Research Center Szeged (BRC), the Semmelweis University in Budapest and the University of Szeged. The European Molecular Biological Laboratory (EMBL) functions as the advanced partner of HCEMM. In addition to the initial E.U. Teaming Grant that led to the creation of HCEMM, the Centre of Excellence has also received National Laboratory status in Hungary in 2020.

<https://www.hceмм.eu/>

İlayda Atabey

Istanbul Chamber of Industry

ABOUT

Istanbul Project Academy Project, carried out by the Istanbul Chamber of Industry, is supported by the Istanbul Development Agency within the scope of the Innovative Istanbul Financial Support Program for 2021. The project, which started its activities as of February 15, 2022, will last for 15 months.

The aim of the Istanbul Project Academy is to develop an exemplary and expandable interface model, and to enable the manufacturing industry organizations in Turkey to benefit more from the R&D and innovation financing resources of the European Union. Facilitating access to Horizon Europe 2021-2027 funds and reducing barriers to entry.

<https://www.iso.org.tr/>

OPPORTUNITIES

◆ Project Cooperation

We are looking for a partner for each call to the consortium for Cluster 1

We support our industrial companies to benefit more from Horizon Europe funds, which is one of the EU's R&D and innovation financing resources, with public-university-private sector cooperation!

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Burcu Avcibay Vurgec
Cukurova University, Faculty of Health Science, Department of
Midwifery
Assoc. Prof. / Head of Midwifery Department

ABOUT

Cukurova University is a member of the European University Association (EUA). Internationalization is one of the main goals of C. U. Besides, lately, its chosen by the Turkish Supreme Council of Higher Education, as one of the universities in the field of research and internationalization among nearly two hundred universities in Turkey. In the direction of this aim, bilateral and multilateral contacts and agreements have been carried out. C.U. has about 350 bilateral agreements with over 300 European universities.

I am an academic midwife and work as the head of the midwifery department. I have been working as a researcher and educator for over 15 years in the midwifery department, where I teach at undergraduate, graduate and doctoral levels. My current fields of study are maternal and child health, woman health, and mental health of immigrant pregnant women; and currently the effects of climate change on maternal-fetal health and the mental health of women. I have worked as a coordinator in 2 projects on immigrant pregnant women and their health needs, 3 projects on climate change and its effects on pregnant/women's health, and 1 project on pregnant mental health.

In addition as an assistant director of the women's studies center of the university, the social dimension of health is my special sub-study area. I am working to reveal and reduce the negative effects of women's status and gender on accessing the right to health.

I would like to be a partner in the consortium, especially in projects seeking expertise in climate-health, gender-health, migrant women-health and health care.

<https://www.cu.edu.tr/en/>

Ali Galip Ayvat
Yasar University

ABOUT

Yasar University was founded in 2001 in Izmir, Türkiye. It's vision is to become a world-class university dedicated to designing and redefining the future. It's mission is to create sustainable value through superior education and research and contribute to society by cultivating those innovative individuals who will shape the future. The university has many research centers of which EU Center (Jean Monnet Center of Excellence) being one of the most important ones.

The Center aims to develop and participate in EU projects under different EU grants, organize seminars, trainings and certificate programmes on issues related to EU. It also takes part in joint projects with different European networks and consortia, establishes international partnerships and develops strong links with these stakeholders.

Since 2005, Yasar University has participated in more than 130 EU funded projects, established international partnerships and developed strong links with business sector and other universities.

<https://yasar.edu.tr/>

OPPORTUNITIES

◆ Project Cooperation

As an experienced Marketing Manager and an officially certified Project Management Professional (PMP®) with a track record of successfully managing diverse projects, my keen interest lies in collaborating with a dynamic consortium. Leveraging my expertise in marketing management, strategic dissemination, effective communication, and meticulous stakeholder analysis, I am highly motivated to contribute significantly to the consortium.



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Specifically, I am eager to take on responsibilities related to dissemination & communication strategies, website development, platform creation, establishment of an open information hub, or the creation of a digital marketplace.

Type

Partner seeks Consortium/Coordinator

Pinar Ayvat
Izmir Democracy University
Assoc. Prof. Dr. in Medical Faculty

ABOUT

I work as Assos. Prof. Dr. at the Department of Anesthesia and Reanimation in Izmir Democracy University Faculty of Medicine. I also serve as the director doctor of the intensive care units with a capacity of 152 patients in our university hospital and as the training officer of the anesthesia clinic. You can see our hospital which name is Buca Seyfi Demirsoy Research and Training Hospital in the link. (<https://www.youtube.com/watch?v=ry-14rntXk0>) In our university and hospital, we both do research and provide health services in every medical branch.

We are interested in joining a consortium with my strong team. We can contribute a huge impact to your project. Please contact me from drpinarunde@yahoo.com

🔗 <https://tip.idu.edu.tr/?lang=en-EN>

Cagla Balta
Güven Future Health Technologies INC
Clinical Psychologist

ABOUT

Güven Future is a part of Güven Healthcare Group developing digital home care and telehealth solutions. Güven Healthcare Group was founded in 1974 and has been at the forefront of medicine for 45 years. Güven has Joint Commission International (JCI) accredited facilities with a highly specialized team, including over a thousand medical employees. Güven Healthcare Group collaborates with more than 35 countries and serves them all healthcare requirements. Güven Future is an R&D centre focused on breakthrough medical technology and innovation, supported by artificial intelligence, and operating in Health Informatics. The most important goal is to put patients at the centre of data-based prediction algorithms and bring preventive medicine to the fore, transforming the "reactive" healthcare approach into a preventive, predictable "healthy life" approach. We constantly embrace new technologies as a crucial part of a new model and approach to optimize healthcare's reach, impact, and cost-effectiveness. We use Artificial Intelligence-powered innovative mobile applications that we've developed to increase healthcare services' effectiveness.

Güven Future creates GDPR and HIPAA-compliant digital platforms to enable patients to access their doctors online, patient records, and past and previous appointments. Ultimately, we believe in transforming health care from "sick care" to "health care" and adopt a preventive and predictive approach.

In this context;

1. Güven Future develops artificial intelligence algorithms,
2. Works with multinational manufacturers to produce value-added solutions and establishes strategic partnerships,
3. With easy access to Güven Health Groups Clinics, Physicians and Patients, Güven Future can model developed products and solutions in with accordance to the needs of end-users,
4. It gives the highest importance to research, development, and innovation,



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5. Focuses on all kinds of artificial intelligence, supports innovative projects in the fields of genetics, medical technology, and telemedicine,

6. With its focus on value-added product and solution development, Guven Future allocates resources to national and international clinical research, joint studies, and project activities.

Partnership and collaboration:

We have dedicated doctors, nurses, clinical psychologists, machine engineers, biomedical engineers, software engineers, mobile application developers, AI specialists, industrial designers, and UI/UX Experts on our team.

We are also in contact and cooperation with different universities and academicians. We implement telemedicine to track related patients, collect real-time, online data and develop AI-based reporting systems to act predictive and preventive. In addition, we have software-integrated personal medical devices (glucometers, bpm, weight scale, ECG, pulse oximeter, and others). Our latest project is clinical research and a digital serious game set to enhance the cognitive functions of Alzheimer's patients. We got funded by the government to facilitate the clinical and gamification phases.

With our project, we aim to slow down the progress of the decay of cognitive functions in Alzheimer's patients, and we plan to measure this data with EEG. We work with a hospital, research centre, government, technical and AI teams.

<https://en.guvenfuture.com/>

OPPORTUNITIES

◆ Project Cooperation

Mental Health Status Triage for Young People, Digitalization of the Triage Process and Personalized Activity Presentation with AI-based Suggestion System

Today, with the intense competition caused by technology and external factors, it is aimed to develop a mobile application that will enable employees and young people to analyze their psychological health and to cope with stress with the right activity directions. For this purpose, the question set consisting of highly reliable traditional tests used in the mental health field will be transferred to the digital environment. With this personalized test to be made through the application, triage of psychological conditions that the person may be prone to, such as obsessions, anxiety, and depressive thoughts, will be possible. According to the result, activity sets suitable to the findings will be presented to the person as options. No diagnosis or treatment is offered here. Only several tools are provided to protect one's mental health.

By matching the person's practice, completion or abandonment of the recommended activities with the preliminary findings, a data-based cause-effect relationship will be established, such as the conditions under which the activities are preferred and how many completed with machine learning.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

◆ Project Cooperation

AI Driven DSS on Holter Devices, Smart Pill Dispenser, Cognitive Function Enhancing Game-Set for Alzheimer's Patients

Güven Future is a software company developing telehealth systems and medical devices. We deliver brand-new technological infrastructure in our facility. Güven Future enhances its expertise by joining Güven health group, a well-known class A, patient-oriented hospital with a 250-bed capacity in Ankara.

There are three ongoing R&D projects which are funded by the local Research Institute "TÜBİTAK". The first project, AI-Driven DSS on Holter Devices, provides physicians with a decision support system by performing elimination on the heart rhythms for accurate diagnoses. An AI-driven algorithm is used for the classification of the data. The second project is Smart Pill Dispenser, designed for Alzheimer's patient's adherence to medical treatment.



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The project ensures a device prototype to provide correct drug intake for multiple daily uses. The caregiver can upload the medications as stated on the prescription. With image processing technology, the intake of pills from the dispenser and the number of pills in the device can be recognized. Our third project is a cognitive function-enhancing game set for Alzheimer's patients. Since certain cognitive functions start dropping with age and dementia, we aim to slow down the progress by arousing the relevant brain regions.

The Güven Online application is a digital health platform offered by the Güven Health Group. The application provides scheduling and tracking appointments with Güven Hospital doctors.

In addition, it also includes a module for viewing the results of examinations and tests in the Güven Health Group. In addition to these modules, there are Online Doctor and e-Consultation services. In this way, it provides the opportunity to make videoconferences from anywhere with the expert medical staff in the Güven Health Group.

Another platform developed by Güven Future is the One Dose Health application. This application is a digital health platform that appeals to a broader audience by integrating Güven Health Group physicians and other doctors. The platform's main feature is online consultation with doctors, tracking results, and managing chronic disease. Currently, disease-specific management programs are commercially exploited. Diabetes, weight, and blood pressure monitoring of patients is performed. On this chronic disease management platform, patient data is collected automatically by Bluetooth-enabled medical devices integrated into the application. Through the doctor interface, health professionals can instantly see the measurements of patients, assign a treatment plan and early detection of comorbidities. Health professionals can see their patients list with the prioritized health status. The platform can be interoperability.

Our studies are carried out using Flutter for mobile application development and .NETCore for software development to provide services on both Android and IOS platforms.

◆ Project Cooperation

An Innovative Decision-Support System for Improved Care Pathways for Patients with Neurodegenerative Diseases and Comorbidities

To develop a decision-support system to enhance medical decisions with targeted clinical knowledge, patient information, and other health information for a more holistic (better-integrating diagnosis, treatment and care and breaking silos across specialities) approach to managing and treating patients with a neurodegenerative disease and a comorbid condition, addressing the needs of today, while creating preparedness for a future paradigm-shift in treatment.

Krisztina Bardos

Pannon Business Network

ABOUT

Pannon Business Network is the collaborative center for applied research, training and advanced manufacturing to catalyse value creation by digitalization as active catalyst of the ecosystem. Linked to industry, academia and citizens, it is facilitating digital, human-centred, resilient and green transformation with focus on business and healthy ageing through its connected divisions.

Located in Western Danube region in Hungary, in strong cross border alliance with the Austrian Burgenland and East Slovenian regions, a key distinguishing feature of PBN is its extensive international reach by having realized over 85 international applied research projects with 500+ European partners (60+ universities). Backed by a wealth of industrial experience and alone standing knowledge on Hungarian and regional SMEs, the committed team of 30 with engineering and economic background are motivated to foster the reorientation of the regional economy towards health manufacturing industry. To realize this ambition, PBN initiated a ten-year territorial strategic framework programme - Szombathely2030 -, approved by political leaders, stakeholders, companies, chamber of industry, universities, aiming at converting automotive industry-related manufacturing know-how to the health industry, with strong rehabilitation focus.



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PBN, as a committed organisation to the green and circular economy, contributes to the Sustainable Energy and Climate Action Plan of the local ecosystem with dedicated tasks in its existing and proposed EU initiatives.

The 17-year consequent building resulted in three complementary organisation units:

1. Advanced management (central unit): The funding unit focuses on management of innovation, research-and-development projects. It is responsible for the organisations' EIT Manufacturing membership, EIT-related projects with active innovation action involvement.

This unit coordinates the artificial intelligence working group of SMEs in the Danube region, based on a contract with the Ministry of Economy of Baden-Württemberg. Recent relevant info about our ecosystem development is here

2) Advanced manufacturing (am-LAB unit): a digital innovation hub and advanced manufacturing laboratory focuses on digital technologies, robotics, data science, extended reality and 3D technologies. A broad portfolio of connected technological devices is available in the laboratory, with in-house engineering staff. The technology transfer department cooperates with multinational technology suppliers from one side (SMC, UR, Formlabs, Keyence, etc) from the technology supplier side, and with a wide range of manufacturing companies from the customer side (Aptiv, IKEA, Ivy, TDK, MAM, Linde, etc.).

The most recent technological development is a teaching and learning factory solution, an advanced demonstration and research-oriented production line with 5 stations, provided by SMC Corporation. It enables such in-house development like real-time data visualisation, augmented reality applications, predictive statistics, neural network-based image recognition. am-LAB was awarded the best digital innovation hub title of 2020, awarded at the first European Digital Innovation Hub conference. Short video please see here.

3) Advanced treatment (at.home unit): the 3-star accredited Active and Healthy Ageing Reference Site (AHA-RS, awarded by the EU in 2022) is an inspirational, educational physical and digital division of PBN dedicated primarily for elderly people. It facilitates orientation towards the health sector in Western Hungary, as an integral element of a 10-year strategy. It hosts social care related trainings for formal and informal caregivers, enables research and prototype development actions. The facility works in strong cooperation with the local digital innovation hub. Equipped with the latest, smart interconnected devices, it is to inspire integrated service and device design and test to support mental health. Besides the elderly people, it acts as a prototype development environment as well - as organic part of local ecosystem. With its parameters - 200 m2 laboratory space 50 digital applications 3 dedicated avatars 500 private households - the key competencies are: telemetrical health monitoring, care service support, digital health twin, diagnostics, MDR. The spectrum ranges from specific types of engagement with businesses to the application of leading Industry 4.0 technologies to the development of a demonstration environment for smart senior care.

<https://www.pbn.hu/index.php>

Luis Bastião Silva
BMD Software Lda
CTO | Partner

ABOUT

BMD is an SME targeted at the development of novel biomedical software solutions. The company is grounded on the +20-years' experience of its members on innovative biomedical applications, from bioinformatics to medical imaging.

* The solutions we offer:

- PACScenter, our PACS, fully Web-based and cloud-ready
- Dicoogle Pro, our DICOM archive
- NeoScreen, our solution for newborn screening labs

* The services we can offer:

- Data management (ETL)



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- AI applied to data and imaging analysis (e.g., MONAI)
- Health services integration (e.g., DICOM, HL5, FHIR)
- Software Engineering, DevOps, Full-fledged solutions

<https://www.bmd-software.com/>

Tuncay Bayrak

Turkish Medicines and Medical Devices Agency

Health Expert / Head of Medical Device Notified Body Divison

ABOUT

TITCK is the competent authority for medicines, medical devices and cosmetics.

<https://www.titck.gov.tr/>

OPPORTUNITIES

◆ Project Cooperation

We have an effective national digital system and we are ready to support for establishing a robust PMCF monitoring system as a project partner

As Turkish Medicines and Medical Devices Agency, we believe that we can contribute to this topic because our national medical device tracking system based on UDI would be an opportunity to introduce a robust post market clinical follow-up system in the scope of the project. Thanks to this system, we are aware of the end user of medical device in the market and it also provides important integration with other digital system across the country. (please visit www.uts.saglik.gov.tr)

If you are interested in our national digital system, we can give more information about it.

My contact information:

tuncay.bayrak@titck.gov.tr

+90 05433155904

Type

Partner seeks Consortium/Coordinator

Brandusa Bitel, MD

University of Medicine and Pharmacy 'Carol Davila'

Representative of UMFCDD in Bruxelles

ABOUT

The University of Medicine and Pharmacy 'Carol Davila' (UMFCDD), is a leading Institution for higher education and medical research in Central Eastern Europe (101-150 for Clinical Medicine in Shanghai Ranking) Build in the XIX century, the University has an exceptional tradition in both medical academia and research. UMFCDD has 4 faculties: Medicine, Dental Medicine, Pharmacy, Midwifery & Nursing, with more than 10,000 students/year enrolled in graduate and postgraduate programmes, 3 master programs with 140 students, and PhD programs with over 1250 students.

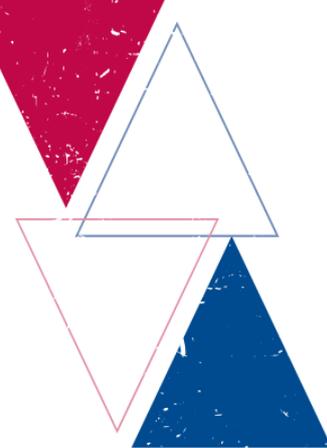
The University of Medicine and Pharmacy 'Carol Davila' is an active player for educational, scientific and industrial cooperation, being a member in different national and international research consortia.



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Currently, UMFCD the University is developing two main research infrastructures with cutting-edge technology platforms: a multidisciplinary medical research infrastructure for preclinical and clinical studies (with the financial support of the European Investment Bank) dedicated to translational research in cardiovascular and neurologic diseases, and a R&D Institute for genomic medicine. Both of them are part of the national research policies and integrated with the European R&D strategic vision for innovation. UMFCD is the first University from Romania who open an office in Brussels, dedicated to promoting the excellence of the University and establishing partnerships with related organizations

<https://umfcd.ro/>



Teodor Cristian Blidaru

Carol Davila University of Medicine and Pharmacy

International Relations Officer

ABOUT

Carol Davila University of Medicine and Pharmacy, located in Bucharest, Romania, is a prestigious institution dedicated to medical and pharmaceutical education and research. Named after the renowned Romanian physician Carol Davila, it has a long history of excellence in the field of medicine. The university offers a wide range of programs in medicine, dentistry, pharmacy, and other healthcare-related fields, and it is known for its rigorous academic standards and contributions to medical research. Carol Davila University is a key player in training healthcare professionals and advancing medical knowledge in Romania and beyond.

<https://umfcd.ro/en/>

Carmen-Veronica Bobeanu

Beia Consult International

ABOUT

BEIA is a R&D performing SME, founded in 1991, and one of the leading providers of ICT solutions and services in the Balkan/Danube region for cloud communications and IoT telemetry. The company's references include over 5,000 turn-key projects for advanced IT and communications solutions. BEIA is certified ISO 9001, 14001, 18001 and 27001.

We are active in the following domains:

- service innovation (AI, blockchain, cloud, big data, quantum, etc.)
- hardware (sensors, actuators, IIoT, IoMT, etc.)
- information technologies (data analytics, processing back end, interfaces, front end)
- integration (software/hardware), communication technologies (speech processing, chatbots, ASR/TTS, NLP/NLU, AI, sentiment analysis, emotional computing, contact centers, tele-systems)
- learning & training, standardization, communication / dissemination / marketing, business development, consultancy, project management.

Also, BEIA has experience in coordinating and participating in more than 40 R&D and Innovation projects (FP6, FP7, Structural Funds, H2020, ECSEL/Artemis, Eureka, Eurostars, Celtic, ITEA, COST, AAL, ERA-Net, Interreg, LIFE+, Erasmus+, MSCA, EaP Twinning, JTI, etc.). <http://www.beia.eu>

Geographically, BEIA covers the Balkan/Danube region with offices in Romania, Austria and Belgium, and as fields of activities we target ICT solutions in the following domains: local and central administration, cities and municipalities, industry, agriculture, energy sector, environmental protection, public health, education and culture, national defense and intelligence.



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BEIA has implemented and integrated IoT telemetry applications in the field of

- smart buildings (monitoring HVAC, light, smart power plugs, location based services using beacons, digital signage using ePaper)
- smart city (noise, air quality, mobility)
- e-health (tele-diagnosis, tele-medicine, emergency communication systems for patients, nurses and doctors)
- environment (monitoring of water, soil and air quality)
- hydro energy (tele-monitoring of level and flow)
- solar energy (measurement of solar radiation in photo-voltaic parks, forecasting of energy production according to meteorology sensors, monitoring inverters)

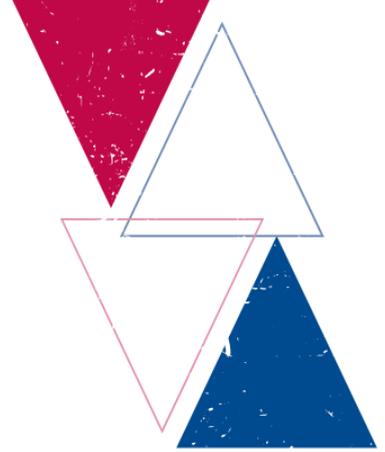
- agriculture (frost warnings, disease alert for plants, evapo-transpiration calculations, measurement of accumulated degree days, aqua/hydroponics, urban farming)
- accurate water data (water sensors for hydrographical purposes, from precipitation to water level monitoring of lakes, rivers, wells)
- efficient water management (leak and burst detection, pressure, flow, level and well monitoring)
- irrigation management (including sensors for measuring soil moisture, monitor water uptake)
- heliports (measurement of meteorological parameters)
- underground (monitoring oil/gas exploration sites, mining tunnels).

Some other IoT/Telemetry use cases (including blockchain, AI and quantum security) we are implementing are presented here: <http://eng.beia-telemetrie.ro>

BEIA has many partnerships and can provide a full sub-consortium, including

- government (cities, regions, national/regional agencies, organisations of municipalities, public transport companies, etc.)
- industry/large enterprises (DSO, SG/RES/ESS, EV/PV stakeholders, etc.)
- critical infrastructure operators "CI" (telecom, financial, food, renewable energy, water, nuclear, metro/railway/road transport, chemical industry, RI, etc.)
- first responder organizations "FRO" (firefighters, ambulance, red cross, volunteer organizations, SMURD, forensic investigators, crime scene investigators, CERT/CSIRT, etc.)
- law enforcement agencies "LEA" (police, border guard, customs, environmental guard, coast guard, ports administration, STS, SPP, SRI, other authorities from the Ministry of Interior, Ministry of Defense, etc.)
- NGO, SMEs, academia and research organizations such as University "Politehnica" of Bucharest (UPB), Research Institute for Artificial Intelligence / Romanian Academy (RACAI), Romanian Space Agency (ROSA), National Institute for Research and Development in Electrical Engineering (ICPE-CA), National Institute of Aerospace Research "ELIE CARAFOLI" (INCAS), National Institute for Research and Development in Informatics (ICI), Institute for Research and Development in Automation (IPA), The Romanian Academy - "Stefan S. Nicolau" Institute of Virology, University of Medicine and Pharmacy "Carol Davila" Bucharest, Research and Development Institute for Industrializing and Marketing Horticulture Products "HORTING", National Institute for Research and Development in Microbiology and Immunology for the Military "Cantacuzino", KU Leuven, IMEC, Sirris, Televic, Option N.V., etc.

<https://www.beiario.eu/>



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Zajzon Bodó

Babyndex

ABOUT

Babyndex is the first app that can detect fertile saliva crystals.

For further information, please see : <https://www.intel.com/content/www/us/en/customer-spotlight/stories/babyndex-customer-story.html>

Patent in the USA.

Trade mark in the EU and UK.

🔗 <https://www.babyndex.eu/en/>

OPPORTUNITIES

◆ Project Cooperation

PCOS detection from saliva crystals

Babyndex is operated on the largest real-world database of saliva crystal images. We have found that crystal morphology is different for PCOS patients. We have a patent in the USA that also includes PCOS detection.

We are looking for partners to build a project for detecting PCOS from saliva crystals.

The prevalence of PCOS could be as high as 26% among some populations, though ranges between 4% and 18% are reported for general populations.

Type

Partner seeks Consortium/Coordinator

David Bogataj

Alma Mater Europaea - ECM

Head of research and doctoral studies in social gerontology

ABOUT

Alma Mater Europaea is an independent higher learning institution that specialises in the provision of career-focused education in career-deficient fields of study. Our study programs are relevant, up-to-date, interdisciplinary and interactive.

Alma Mater Europaea is committed to producing graduates whose qualifications are nationally and internationally recognized and accepted. Alma Mater Europaea strives to continuously improve our career-oriented academic programs in accordance with the global marketplace and in line with international education organizations, and we submit to a continuous process of self-evaluation and self-improvement by means of internal and external quality validation.

Alma Mater Europaea provides students with a rich and varied academic environment that ensures opportunities for both intellectual development and the acquisition of professional knowledge and skills. Our teaching methods are in line with international standards. We are focused on real-world career development and offer a flexible, customized and effective approach.

Under the patronage of the European Academy of Science and Arts, Alma Mater Europaea strives to mold a new international leadership elite in the fields of education, culture, economy, law, health, nutrition and environment.

🔗 <https://en.almamater.si/?checkCo=true>



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Roman Boreńko

Digital Pandus by Inclusive IT

CEO

ABOUT

Web accessibility and security automated and manual testing with the dashboard. According to the international standard WCAG. Manual testing is provided by testers with disabilities. Accessibility automation can deal with large systems. The security module uses over 300 libraries to find the rarest but most dangerous vulnerabilities.

<https://www.digital-pandus.com.ua/>

OPPORTUNITIES

◆ Project Cooperation

Web accessibility support for applicants

Automated & manual accessibility testing on all stages (technical description, design, coding) of the development of innovative solutions. According to WCAG. Manual testing is provided by blind and low-vision testers. Integrating into development tools and processes of a partner.

◆ Project Cooperation

Security automation complex solution

As more ambitious is your solution - it needs full security safety. Our solution integrates into your innovative solution to find as many as possible security vulnerabilities.

Type

Partner seeks Consortium/Coordinator

Edyta Borkowska

Medical University

Associate Professor

OPPORTUNITIES

◆ Project Cooperation

Genetic predisposition to cancer and personalized treatment

The project that I would like to implement is related to research on determining the predisposition to developing cancer, finding new diagnostic and prognostic markers that allow monitoring the course of the disease. It would be based on liquid biopsy studies from people suffering from cancer and validation of the protocol for collection, isolation and determination of relevant genetic markers. It would also concern the use of spatial transcriptomics at the stage of research and recognition of characteristic changes within the stroma and cancer cells.



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Sabina Cristina Bosoc
Beia Consult International
R&D engineer

ABOUT

SME company, founded in 1991, main activities domain and market - "enterprise communications", a large customers portfolio (over 6000 public/private customers, located in Romania).

SIEMENS partner in Romania, Censor in the Romanian-German Chamber of Commerce (AHK), leader of the NEM Romanian Mirror Group, member of Romanian Association for Electronic and Software Industry (ARIES).

R&D potential in telecommunications applications, one of the R&D results consist in "IP-Wireless-Telemetry" experimental system: Remote Terminal Unit (stand alone, GPS location, data acquisition and processing, command and control, GPRS/CDMA on-line data transmission with TCP/IP embedded); Field Interface Unit - communications server; client application (fleet management, data monitoring and command), human machine interface. Experience in R&D National Programmes and Pre-accession Programmes (instruments financed by the EU to assist Romania in its preparations for joining the EU) as a partner and consortium coordinator. Company has a good partnership in Romanian industry (large company as well as SMEs) and in Romanian R&D area such as: "Politehnica" University of Bucharest (www.upb.ro), Research Institute for Artificial Intelligence (Romanian Academy) (www.racai.ro), Romanian Space Agency (www.rosa.ro), National Institute for Research-Development in Electrical Engineering (www.icpe-ca.ro).

🔗 <http://beiaro.eu/>

Nadiya Boyko
Uzhhorod National University, RDE Centre of Molecular Microbiology and Mucosal immunology
Rector Advisor for Innovation, Head of Department, Director of RDE Centre, CEO, Professor

ABOUT

Uzhhorod National University (UzhNU) (<http://www.uzhnu.edu.ua/en/>) is a governmental public education organization of the highest level of accreditation, including various the research and educational units as Research Development and Educational Centre for Molecular Microbiology and Mucosal Immunology (RDEC MMMI, https://www.uzhnu.edu.ua/en/cat/deps-ndi_molecular, https://www.uzhnu.edu.ua/en/cat/fstomat-dep_diagnostics), Faculty of Medicine, Faculty of HealthCare and Physical Activities <https://www.uzhnu.edu.ua/en/cat/faculty-health> and IT Faculty of Information Technology among (<https://www.uzhnu.edu.ua/en/cat/fit-software>) of others 20 Faculties .

UzhNU is a classical multidisciplinary University situated in Transcarpathia (Western Ukraine). The region borders Slovakia, Hungary, Poland and Romania. UzhNU occupies one of the leading places in Ukraine and the world in the implementation of innovative technologies in medicine. In particular, the Research and Development Educational Center of Molecular Microbiology and Mucosal Immunology of UzhNU is engaged in the prevention of various non-communicable diseases and the development of an individual selection of a nutrition plan, as well as regularly conducts clinical cohort studies, including those financed by national and international funds and programs.

RDEC MMMI was created to accumulate the intellectual research potential in the fields of sustainable agriculture, safe food and personalised health. RDEC MMMI is a well-equipped innovative unit routinely involved in international projects (http://www.uzhnu.edu.ua/en/cat/deps-ndi_molecular/science) on design and implementation of innovative personalised foods (diets) for the prevention of non-communicable chronic diseases by means of directed modulation of human microbiome using in vitro techniques, animal studies and clinical trials. The staff of the Centre are skilled for all the microbiome, genome, metabolomics and proteomic techniques, experienced in DNA isolation, qRT-PCR, ELISA, fragment tissue culture and other molecular microbiology and biochemistry techniques, including spectrophotometry, liquid-gas chromatography.



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All the staff is trained for the Food Composition DataBases development and other authorial relative DataBases creation. Additionally the Algorithm for the individual nutritional needs had been developed and now tested as DEMO version. RDEC MMMI is involved in systematic collaboration with big and small industrial agricultural and food entities, local farms, relevant ministries representatives and NGOs. RDEC MMMI is engaged in professional international networks such as EuroFIR, EPMA, ETP "Food for Life" etc. One of the biggest interests of the RDEC MMMI is prevention of obesity, diabetes type 2, CVD and other NCD.

https://www.uzhnu.edu.ua/en/cat/fstomat-dep_diagnostics

OPPORTUNITIES

◆ Project Cooperation

All-SECURE

The All-SECURE project will valorise the modern acting drivers / trigers of global changes in order to examine and predict their impact on the European Health system including the dietary habits of the European consumers and environmental factors influence of human health. SECURE will implement a set of innovation driven tools and early warning systems, also a set of [national] policies, and a Roadmap towards strengthening the resilience of the European Health system.

"Resilient Dynamism" strategy will be applied in order to adapt to changing contexts, to withstand sudden shocks and to recover from them while still pursuing the critical goals that are the security, self-sufficiency and well-being of the European citizens.

All-SECURE will develop an integrated health systems framework, identifying the "global balance" vulnerability assessment tool that will be validated by external experts and stakeholders.

The assessment tool, the scenarios and dynamics modelling and simulation outcomes will be used as a basis to develop a set of policies, an early warning system for proactive integrated actions, and a Roadmap towards achieving "Resilient Dynamism" for the EU health system.

ALL-SECURE will involve industrial pharmaceutical patients networks and consumer stakeholders, policy makers, as well as individual experts, from an early stage of the project, using them as a "mirror group" so as outputs will be adjusted according to their comments in order to optimize their exploitability.

Type

Partner seeks Consortium/Coordinator

Simona Brezar Caretronic d.o.o.

ABOUT

Developer and manufacturer of most advanced solutions for the healthcare market.

At Caretronic, we are committed to providing the highest quality nurse call systems and e-nursing solutions to healthcare organizations around the world. Our focus on innovation and adaptability has allowed us to stay at the forefront of the healthcare technology industry, delivering cutting-edge solutions that improve patient outcomes and enhance the work environment for healthcare professionals.

<https://caretronic.com/>

OPPORTUNITIES

◆ Project Cooperation

SME seeking international consortiums to join as a TECH and BUSINESS partner in Health calls

We are SME: developer and manufacturer of the most advanced information-communication solutions for health-care market.



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Selling our solutions in more than 40 countries worldwide. Strong international network of distributors all around the world and we can easily roll out the health product into the market when the project is finished through our network of distributors.

We would like to join to consortium preparing proposal on health calls. Our contribution:

TECH DEVELOPMENT:

- ◆ Software development: (Front-end; communication platforms, mobile applications, user interfaces etc; Specialized in design and development of information systems for healthcare and health institutions, back-end and front-end development; Development of basic algorithms for machine learning and classification: Naïve Bayes classifier, cosine similarity, clustering, etc.)
- ◆ AI Expertise in Artificial Intelligence (AI) techniques, including machine learning (and deep learning), specialized in AI for medical applications, decision support systems and optimization.
- ◆ Technical support on the market: second and third level technical support
- ◆ Hardware development (Ethernet, Bluetooth Low Energy, 5G etc.)

BUSINESS DEVELOPMENT:

Exploitation: development of the business model, road to market (market introduction to care organizations, telecom companies, our international distributors' network).

Dissemination at business exhibitions and worldwide know fairs (ArabHealth Dubai, Medica Germany, Himss).

Daniela Buleandra

Software Imagination & Vision

Business Analyst

ABOUT

Software Imagination & Vision (SIMAVI) is an IT company with experience in the following fields of activity: R&D, Education & eTraining, eHealth, Security, eAgriculture, Customised Applications, ERP & BI, eCustoms, and Government with +1500 commercial clients and +300 succesful projects in Europe, Middle East, North Africa, CIS area.

SIMAVI staff consists of IT specialists with complementary technological capabilities: IoT, Analytics, Big Data, Data mining, Cloud computing, Decision Support Systems, User interfaces, UX design, Virtual Reality (VR), Augmented Reality (AR), Serious Games and Training. Our team is covering all stages of projects development from solution design, proof of concept to prototyping and end-user implementation.

SIMAVI is a member of several prestigious associations in the field of ICT like The European Alliance of IoT Innovation (AIOTI) and Big Data Value Association (BDVA).

SIMAVI is acting as technological partner in the following European Projects from various domains:

Technologies for prevention, investigation, and mitigation: RED-Alert; TeamAware; Search&Rescue; CREST; PREVISION; MAGNETO; CONNEXIONS; SpeechXRays;

Border security: METICOS; BorderUAS; SMILE;

Cybersecurity: ECHO; SIMARGL; CC-DRIVER ; SECANT;

Critical Infrastructure: IMPETUS; ENSURESEC;

Energy & Smart cities: EnergyShield; inteGRIDy. FLEXMETER; FLEXIGRID; CyberSEAS;

Health: DeepHealth; SPHINX; InteropEHRate; ProCareLife; MES-CoBraD;

Industry 4.0: ZDMP; KYKLOS 4.0; ReCiPSS; FACTLOG; CircThread;

Agriculture and Green Deal: DEMETER; SILVANUS; DRYADS

Smart communities: FLOOD-serv; SUPER_MoRRI; NAIADES; LIV-IN; EUNOMIA;

Training & eContent: PALAEMON; NEWTON; BEACONING; LAW-GAME; ISOLA;



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Tools

- ◆ Real-time Early Detection and Alerting Framework for collecting, processing and storing online data related to terrorist activities
- ◆ Social Media Data Acquisition Engine
- ◆ Machine Learning Based Event Information Fusion
- ◆ Collaborative virtual community of practice
- ◆ Face recognition biometrical tool for secured access
- ◆ Access management system for ticketing (metro stations, stadium, concert, events)
- ◆ Decision Support System for air quality management control
- ◆ IoT Smart devices reading data tool
- ◆ Tool for tracking people with special health conditions and measuring biological parameters

<http://www.simavi.ro/>

OPPORTUNITIES

- ◆ **Project Cooperation**

IT solutions and services

Our multi-disciplinary team is involved in commercial and R&D projects, from system Architecture & Design, UI/UX Prototyping, Software Development, till end-user testing and continuous support. Innovation is the foundation of our values as a company and we are using latest ICT technologies to bring added value into all projects.

Technological capabilities: IoT, Analytics, Big Data, Data mining, Cloud computing, Decision Support Systems, GIS, Mobile Technologies, User interfaces, UX design, Virtual Reality (VR), Augmented Reality (AR), Serious Games and Training.

Type

Partner seeks Consortium/Coordinator

Stanislav Bulla ms-keramik s.r.o. Direktor

ABOUT

ms-keramik s.r.o.

"A company that makes things differently"

Our company was founded in 2007.

In 2016 we discovered our hobbies that grew every day.

In 2022, my wife and I quit our jobs. We worked in healthcare and led a group of seniors with dementia in Vienna and before that in Innsbruck.

The company has two employees

The main activities are production and workshops.

We have a collection "time passes"

There are many mistakes and new attempts behind it until it succeeded. Technology that is a manufacturing secret.

Providing workshops is the second activity of our company.

Working with clay is so relaxing that based on the experience of leading the group, we created a



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concept that is the basis of our workshops

We also offer external workshops.

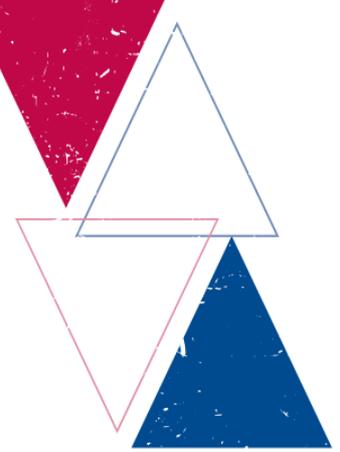
We visit schools, summer camps, where we offer the opportunity to try working with clay

We offer opportunities to companies where we prepare teambuilding for them according to

requirements and needs

We founded the Civic Association "Hlina ako dar" (Registration in progress) where we want to offer opportunities for children and seniors from institutions that cannot afford to finance our workshop, and also for people who are terminally ill as part of therapy - psychohygiene, and then how to preserve the traditional craft.

<https://www.ms-keramik.com/>



OPPORTUNITIES

◆ Project Cooperation

Art therapy

how working with clay affects mental health and supports as a side therapy in the treatment of the disease (eg oncological, psychiatric ...)

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

Pinar Burat ODTÜ MEMS Merkezi (METU MEMS Centre) Researcher

ABOUT

ODTÜ MEMS Center, with its expertise in microsystems, is already well positioned in the field of microfluidics, using its advanced know-how and infrastructure to support both industry and academic partners to access these technologies. With the advancement of technology existing in other European regions, the potential for the center to excel by benefiting from not only isolated innovations but also a holistic knowledge basis will ultimately support European interests by expanding them into the huge market potential of the organ-on-a-chip platforms.

The microelectronic cleanroom infrastructure of the ODTÜ MEMS Center was established in the early 1990s. Since then, a considerable amount of knowledge and experience has been gained, and the first MEMS research and application center in Turkey was established in 2008. The available infrastructure supported with projects and investments accelerated the studies on MEMS and pioneered the establishment of today's research center.

The total amount of continuing investment is over 60 M€ from public and private sector R&D projects as well as funds from Ministry of Development, Ministry of Science, Industry and Technology, TÜBİTAK, FP6, FP7, and H2020. In 2009, ODTÜ MEMS was awarded by the EC (FP7 REGPOT) additional resources, which aimed to upgrade the RTD capacity and capability of the Center, in addition to improving its integration with the European Research Area. In 2017, the Center was qualified as a national research infrastructure by the government, becoming one of the first National Research Infrastructures in Turkey and gaining its scientific, budgetary, and managerial autonomy with a significant budget allocated.

ODTÜ MEMS Center's competence in microfluidics, biosensors, and BioMEMS has been proven by several national and international funded projects and international publications. ODTÜ MEMS is also experienced in microfabrication methods with its extensive cleanroom capabilities.

Additionally, ODTÜ MEMS plans to establish polymer-based microfabrication facility, which is highly aligned with the production needs of organ-on-a-chip technology.



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The OrChESTRA consortium (<https://orchestra-project.eu/>) coordinated by ODTÜ MEMS, builds upon the existing strong research and innovation base of ODTÜ MEMS, TU/e, IMEC and UFR, who develop state-of-the-art approaches in complementary specialisation areas around microfluidics, including organ-on-a-chip, lab-on-a-chip, biosensors, microfabrication, BioMEMS, and tissue engineering.

<https://mems.metu.edu.tr/en>

Inês Caetano

Sistrade Software Consulting, S.A.

R&I Consultant, Biomedical Engineer, PhD in Health Sciences

ABOUT

The Sistrade Applied Research and Innovation Department is focused in developing innovative solutions with added value that foster new market opportunities. Sistrade has more than 20 years of experience in the development of software solutions and services, and our research repertoire in national and international projects shows that we are capable to adapt and provide value to distinct sectors (e.g., health, digitalization, manufacturing, cybersecurity, defense, circular economy, etc). Besides our highly experienced and skilled workforce, we have developed a strong collaborative network in health field (e.g., Hospitals, Clinical Academic Centers, Medical Universities, Research Centers and Digital Healthcare providers), which we can also bring to the consortia. We have a particular interest in the development of IoMT and HMI platforms, Sensor integration, Digital Twins, AI solutions, Data Spaces, and general software applications.

<https://ari.sistrade.com/>

Mehmet Gokhan Caglayan

Ankara University

ABOUT

Ankara University, with the responsibility of being the first University of the Republic of Turkey; aims to raise creative individuals who can think critically and solve problems, constantly renew themselves in the personal and professional field, sensitive to nature, respecting differences,

To support the conduct of interdisciplinary research that contributes to science and art at a universal level, observing ethical values, with the awareness of social responsibility, it is committed to providing services that are sensitive to the problems of the country, consider the public interest, and contribute to the sustainable development goals.

<http://pharmacy.ankara.edu.tr/>

OPPORTUNITIES

◆ Project Cooperation

Parkinson's Disease Diagnostics

We are working on the development of new diagnostic tests for Parkinson's Disease. Also, we are able to apply seed amplification assays for PD.



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Ufuk Cem Cakir

Dogus Bilgi Islem ve Teknoloji Hizmetleri

R&D Specialist

ABOUT

Dogus Technology is the technology company of Dogus Group. Having over 21 thousand employees and more than 300 companies worldwide, Dogus Group operates in seven major industries, namely automotive, construction, media, hospitality, technology, energy and real estate.

Dogus Technology, with its 450 employees, provides services and products on various technological areas, such as Software Development, Business Intelligence and AI, User Experience Design (UX/CX), Robotic Process Automation (RPA), Web-based Projects Services, Mobile Applications, Process Design, Data Center and Infrastructure, Cybersecurity and Data Protection Consultancy.

From an R&D standpoint, Dogus Technology develops innovative projects by using its expertise in Machine Learning, Deep Learning, Natural Language Processing, Blockchain, SW Platform Development and Web/Mobile Applications.

🔗 <https://www.d-teknoloji.com.tr/>

OPPORTUNITIES

◆ Project Cooperation

Looking for a Consortium-Offering Expertise in ML/AI and Software Development

Dogus Technology can contribute to these project ideas by following:

- ◆ Developing software platforms that can collect data from various sources and serve data for building AI models
- ◆ Developing web/mobile applications for citizen engagement
- ◆ Developing machine learning/deep learning algorithms to accurately predict energy production/consumption of specific sites
- ◆ Developing machine learning algorithms for digital twins

Type

Partner seeks Consortium/Coordinator

Diana Campelo Delgado

Value for Health CoLAB

Pre Award Grants Manager

ABOUT

Value for Health CoLAB (VOH.CoLAB) is a non-profit association, funded and certified with the "Collaborative Laboratory" title by the Fundação para a Ciência e a Tecnologia, whose mission is to help people and organizations to measure the value of their health. Founder partners (Nova University of Lisbon, Fraunhofer Portugal, Vodafone Portugal, and CUF) created this VOH.CoLAB to accelerate the fundamental restructuring of Healthcare delivery towards a paradigm shift to Value-Based Healthcare and patient empowerment.

Driven by transdisciplinarity and digital transformation in Healthcare, the VOH.CoLAB works with healthcare stakeholders in modulation and optimization of health pathways. For this purpose, VOH.CoLAB supports the collection of clinical and patient-reported outcomes, based on sensors and mobile technologies, and develops digital health literacy tools that drive society to adopt healthier behavioral changes. By following people longitudinally, either in the hospital settings, at home, or residential care, in their daily life routines, VOH.CoLAB aims at validating innovative tools and objectively measuring health outcomes and costs towards the novel model for Value-Based Healthcare. The VoH.CoLAB activities combine research and service delivery, due to their mission of transferring knowledge from academia to society.



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Transdisciplinarity and digital transformation are the disruptive forces that guide VOH.CoLAB to achieve innovative and valuable results for the society and the Healthcare market.

<https://www.vohcolab.org/>

OPPORTUNITIES

◆ Project Cooperation

Digital Health Technology Value Assessment

We are:

Value for Health CoLAB is a non-profit association, funded and certified with the "Collaborative Laboratory" title by the Fundação para a Ciência e a Tecnologia, whose mission is to help people and organizations to measure the value of their health. Value for Health CoLAB validates innovative methodologies to measure outcomes and costs and provide trustful scientific evidence under Value-based Healthcare (VBHC) principles.

Driven by transdisciplinarity and digital transformation in Healthcare, the VOH.CoLAB works with healthcare stakeholders in modulation and optimization of health pathways. For this purpose, VOH.CoLAB supports the collection of clinical and patient-reported outcomes, based on sensors and mobile technologies, and develops digital health literacy tools that drive society to adopt healthier behavioral changes.

Type

Partner seeks Consortium/Coordinator

Marta Candeias

IST-ID

ABOUT

IST-ID, Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento, is a private not-for-profit institution, which primarily aims at carrying out Science and Technology activities,

fostering knowledge transfer and promoting the involvement of national and foreign researchers, both at national and international levels, in RD&I projects in their areas of expertise.

IST-ID carries out RD&I activities in major areas which are associated with challenges with a strong impact on society. These are strongly interdisciplinary areas in nature crossing different fields of engineering, science and technology and architecture. The RD&I activities comprise not only fundamental aspects but also projects with a strong applied component.

Instituto Superior Técnico (IST) is one of the founding associates of IST-ID and, through partnership agreements, makes available the majority of facilities where IST-ID activities are carried out. IST is the largest and most reputed school of engineering, science and technology in Portugal. Since its creation in 1911, IST mission contributes to the development of society by providing top quality higher education at undergraduate and postgraduate levels, as well as developing Research, Development and Innovation activities providing top quality teaching inline with the highest international standards. Its mission is therefore expressed in the three main attributes of a modern university: to create knowledge, to transfer skilled professionals and transfer technology to society.

IST-ID is the host institution of the Research Units mentioned below in which professors and researchers of IST develop their research activities. In addition to its own research teams, hired directly by IST-ID as part of the research projects it manages, IST makes available to IST-ID a number of professors and researchers, under the Third-Party agreement between these two institutions, to pursue the RD&I activities promoted by IST-ID.

IST RD&I Units hosted by IST-ID relevant for the Health area:

Center for Nuclear Science and Technology - C2TN

Center of Physics and Engineering of Advanced Materials - CeFEMA

Center for Structural Chemistry - CQE

Center for Innovation in Territory, Urbanism, and Architecture - CiTUA



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Institute for Bioengineering and Biosciences - IBB
Institute of Plasmas and Nuclear Fusion - IPFN
Institute for Systems and Robotics/IST - ISR/IST

Anderson Carmo

ISCTE

ABOUT

Iscte-Conhecimento e Inovação is a Technology Transfer and Enhancement Center based on the combination of two reference research areas at iscte - the social and human sciences and digital technologies -, with the aim of providing integrated knowledge transfer solutions about society, organizations, companies and public administration.

🔗 <https://conhecimentoinovacao.iscte-iul.pt/>

Özlem Catar

Sabri Ülker Foundation

Project Manager

ABOUT

The Sabri Ülker Foundation was established in 2009 in honour of Sabri Ülker, a veteran of the Turkish food industry and well known philanthropist in Türkiye and beyond. The programme of our Foundation is managed by a Science Committee comprising an international group of scientists who are experts in a range of disciplines relevant to our objectives. A permanent team based in Istanbul is responsible for implementing the programme of the Foundation together with the Science Committee. An important element of our modus operandi is collaboration with internationally recognised centres of excellence.

🔗 <http://www.sabriulkerfoundation.org/>

OPPORTUNITIES

- ◆ Project Cooperation

Nutrition/Health/Wellbeing Dissemination Partner

Sabri Ülker Food Research Foundation was established in 2009 with the objective of enhancing nutrition science and knowledge, with a special focus on the Turkish population and regional neighbours. Our vision is to be an independent, scientific, non-profit organization providing a respected contribution to public awareness on food, nutrition and health. Our mission is to provide the public with accurate and reliable information on foods and nutrition based on science, legislation and applications at national and international levels. We interact with key institutes, universities, governmental and nongovernmental organizations to encourage best practice, to achieve scientific consensus and to support educational and other communication initiatives

Since SUF was established by women founders (which consist of only female workers) and the company is located in Turkey, we believe that our position in related proposals will be valuable in terms of increasing gender equality, geographical diversion and of course scientific contributions on the food/nutrition dissemination topics.

For our nutrition and wellbeing ongoing projects please visit:
<https://www.sabriulkerfoundation.org/en/projects/balanced-nutrition>

Type

Partner seeks Consortium/Coordinator

Hatice Celep



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Istanbul Metropolitan Municipality - Health Department Project Team

ABOUT

Istanbul Metropolitan Municipality has 27 departments, 107 directorates, 30 municipal enterprises, 2 subsidiary public utility corporations (Transport Authority and Water & Sanitation Authority) and more than 88,800 employees in total. We are interested in the areas supporting of digital innovation, democratic and digital governance, interoperable processes, better access and engagement with cultural heritage & improve its protection and enhancement, etc.

The Health Department started its activities in 1952 as the Istanbul Metropolitan Municipality, Directorate of Public Health.

The purpose of its establishment is to increase the health and life quality of the people of Istanbul with the understanding of social municipality, ensuring that every individual benefits equally from accessible health services. Also to provide preventive, protective and curative public health services by carrying out organizational structuring and field practices, ensuring that every individual benefits from accessible health services equally.

Health Department provide services through Directorate of Almshouse (Darülaceze), Directorate of Health and Sanitation, Directorate of Services for the Disabled, and Directorate of Addiction and Rehabilitation; with the aim of a city that is scientifically based, accessible, environmentally friendly, producing, sharing and creating fair living conditions.

In this respect, the department offer various services for 16 million fellow citizens from easily accessible service points, for example: Home Health Services, Outpatient Diagnosis and Treatment Services (Medical Centers), Psychological Counseling Services, Vectors Fighting Services, Social Cohesion and Support Center (SUDEM), Services for the Disabled and Elderly.

Approximately 2,500 personnel work for Istanbul Metropolitan Municipality Health Department.

<https://saglik.ibb.istanbul/>

OPPORTUNITIES

◆ Project Cooperation

Healthy Aging

In the elderly (65+), with the target of active aging; A project to increase health accessibility and consumption with targeted solutions by establishing multinational knowledge clusters to promote healthy nutrition and environmental activities.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

Blasszauer Celia MedicalScan Kft General manager

ABOUT

MEDICALSCAN, founded in 2008, as a Hungary-based EH DEN (European Health Data and Evidence Network) certified health data analyst and developer SME, is a healthcare information technology company. We specialize in big data analysis as well as administration and maintenance of medical and pharmaceutical databases with twenty years of professional experience.

MedicalScan, as a health information data analyst, technology developer, medical and patient education company, sees its mission as the indirect development of healthcare. Our



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primary goal is to help healthcare professionals and our clients to improve treatment outcomes.

<https://www.medicalscan.hu/>

OPPORTUNITIES

◆ Project Cooperation

MedUcation, population focused health understanding and education solution

Through different communication channels like social media, eDM, webinars, our telemedicine (myclickdoctor) and our educational website we promote the importance of health and well-being. During 2022 we offered several online forums with doctors about e.g., Covid vaccination to help a better acceptance and to provide answers. We achieved to build a GDPR compatible population database within several months.

myclickdoctor, medical social media for healthcare professionals for improved health outcome for everyone

myclickdoctor contributes to and facilitates easy and convenient access to up-to-date, reliable, and relevant medical consultation between doctors.

Type

Partner seeks Consortium/Coordinator

Dimitris Champesis Greek Patient Association Programme Manager

ABOUT

The Greek Patients Association is a confederation of more than 70 patients' organizations from all over Greece and across the spectrum of disease.

Founded in May 2019, the association is an umbrella (tertiary level) non-profit organization that provides support, advocacy, and capacity building for its members and patients in Greece.

With the aim of defending the rights of healthcare recipients and the equal participation of patients in designing and implementing relevant policies, the association works to ensure patients' rights are recognized. It also provides assistance in navigating the healthcare system, and advocates for positive changes conducting awareness campaigns and empowering patients to self-advocate.

Since March 2020, the Association has been a member of the European Patients Forum, the European umbrella organization for national and regional patient confederations. Since May 2023 it participates also in the Board of Directors of EPF.

The Hellenic Patients' Association is recognized by law as an interlocutor of the State for issues concerning health policies.

EXPERTISE

Patients' representation - Co-creation Drivers and Validators

- Co-design & evaluation of Social/ Health Policies, Services, and Medical Products
- Determination of patients' priorities and preferences/ Identification of key prioritized outcomes
- Careful mapping of patients' movement in Greece understanding national/regional needs, through collaborative work with our existing membership

We convene and facilitate

- Collection of patient-reported outcome measures (PROMs) and Patient-reported experience measures (PREMs)

- Development of guidance for policymakers at all levels of government: consult with a diverse membership to gather patient views and real experiences



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- Facilitation of (Digital) Peer support groups
 - Scientific contribution, literature review
 - Conduct innovative statistical analysis in collaboration with our scientific committee and extended network
 - Participation in Health Technology Assessment (HTA)
- **Empowerment/ capacity building****

Through workshops, webinars, seminars, and knowledge exchange activities we deliver:

- Capacity building for health unions, health professionals
- Support of individual patient experts (leaders) through training and education
- We enable shared learning and technology transfer

****Dissemination, sensitization, awareness raising****

- Strategize and implement multi-faceted communication strategy on the national or regional level/EU [traditional, digital (social & new media), sectoral Press]
- Inform decision-makers in public health
- Inform on health-related research

<https://greekpatient.gr/>

Charalambos Chrysostomou

The Cyprus Institute

Associate Research Scientist

ABOUT

The Cyprus Institute (www.cyi.ac.cy) is a non-profit research and educational institution of international composition, governed by a Board of Trustees comprising world-renown scientists and prominent political and entrepreneurial Leaders. The Institute is characterised by a novel philosophy on interdisciplinary research and education and cutting-edge infrastructure to materialize it, which supports a scientific, technological and innovative orientation aiming at world-class standards of excellence.

<https://www.cyi.ac.cy/>

OPPORTUNITIES

◆ Project Cooperation

Seeking Partnership for Machine Learning Integration with Health Data

We are looking for partners aiming to advance the frontiers of healthcare and medicine by integrating Machine Learning (ML) in the processing and analysing of health data. Our speciality lies in analysing and interpreting large-scale health data and various biomedical and multi-omics datasets. By harnessing the power of ML, we aim to transform these vast pools of data into meaningful insights to revolutionise personalised medicine, disease diagnosis, and drug discovery.

We have worked on applying ML in Genomic data analysis, Pharmacogenomics, Biomarker Discovery, Integrative Analysis, and Network and Pathway Analysis. In addition, we have substantial experience with proposal preparation and have successfully participated in several collaborative European projects.



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Partner seeks Consortium/Coordinator

Richard Cimler
University of Hradec Kralove
Head of Research Center

ABOUT

UHK is a public university. Center of Advanced Technology is focused on healthcare technologies, smart sensor systems and artificial intelligence.

<https://www.uhk.cz/en>

OPPORTUNITIES

◆ Project Cooperation

Remote vital functions monitoring and evaluation

Our research center is focusing on the collection, remote monitoring, and evaluation of vital data.

What do we bring to the consortium?

- ◆ A team of persons focused on vital data collection and analysis using advanced statistics and machine learning methods.
- ◆ Hardware solutions for unobtrusive data collection and evaluation, such as sensor pads and/or wearables that measure HRV, respiration rate, micro-vibrations, pulse wave velocity, ABI index, and tremor.
- ◆ Software tools for remote vital signs monitoring and mHealth interventions.
- ◆ Servers and a smartphone application for study management, enabling the sending of questionnaires and prompts based on current data and complex rules.
- ◆ Development of algorithms based on advanced signal processing.
- ◆ Infrastructure for long-term training of neural networks and an HPC Cluster.
- ◆ Experience with research projects in international consortia.

Type

Partner seeks Consortium/Coordinator

Esra Cinar
Idea Teknoloji
R&D Project Manager

ABOUT

In the Bioinformatics area, we have been working to develop end-to-end innovative solutions, with an aim to significantly increase the number of diagnoses for rare diseases, at an unprecedented speed from DNA sample collection to diagnosis. For this, our solutions are powered by a cutting-edge proprietary technology for the transfer, storage and analysis of genomic data and we provide an ultimate user experience. We have a team of computational biologists and computer engineers that are working to develop new solutions according to customer needs and we constantly consult with medical genetics practitioners.

Our customer portfolio is growing constantly, we work with companies from Europe, Asia and the Persian Gulf. We have two companies for bioinformatics solutions, one Turkey



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based, the other Boston based. We are an R&D performing SME. We work to develop tools that use AI for obtaining high quality variants and variant evaluation for better diagnosis. In 2014, Idea Teknoloji received R&D Center Certificate, given to the R&D performing private companies, by the Ministry of Science, Industry and Technology. Since then we have successfully conducted over 20 R&D&I projects, with collaborations from top-tier universities, companies, government offices and hospitals.

OPPORTUNITIES

◆ Project Cooperation

Analysis of genomics and transcriptomics data with statistical methods, machine learning and designing tools and platforms

We are interested in taking part in projects where we can use our skills for analyzing data and software development, either as a use case owner or research partner. We have a team of molecular biologists and computer engineers that are working to develop new solutions according to customer needs and we constantly consult with medical genetics practitioners. Our customer portfolio is growing constantly, we work with companies from Europe, Asia and the Persian Gulf. We have two companies for bioinformatics solutions, one Turkey based, the other Boston based. We are an R&D performing SME. We work to develop tools that use AI for developing advanced diagnostic tools. In 2014, Idea Teknoloji received R&D Center Certificate, given to the R&D performing private companies, by the Ministry of Science, Industry and Technology. Since then we have successfully conducted over 20 R&D&I projects, with collaborations from top-tier universities, companies, government offices and hospitals.

Oana-Alexandra Ciobanu

UMPCD

ABOUT

University of Medicine and Pharmacy "Carol Davila" Bucharest, as a public institution of higher education ensures free and unhindered access of the public and media to public information. In order to achieve its objectives in the best conditions, the University promotes the principle of transparency and the citizen's right to information.

🔗 <https://umfcd.ro/en/>

Jaime Correia

INEGI - Institute of Science and Innovation in Mechanical and Industrial Engineering

Development Engineer for the Healthcare sector

ABOUT

INEGI - Institute of Science and Innovation in Mechanical Engineering and Industrial Engineering is a Research and Technology Organization (RTO) based in Porto, Portugal, focused on research and technology-based innovation activities, technology transfer, consulting and technological services, aiming to develop industry and economy in general. Our expertise comprises many areas, such as mechanical design, aerospace, composite materials, biomechanics, health and sports, environment, advanced manufacturing, management, tribology, energy, among others.

The INEGI is located on the campus of the Faculty of Engineering of the University of Porto, which serves as a third party, having several of our consultants for biomedical research.

For the health and sports sector, INEGI specializes in biomechanics, medical technology, sports, and occupational safety. We offer expertise in product development, prototyping



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(especially using additive manufacturing), and lab testing. Our skills include mechatronics, computational biomedical imaging, design of AI tools, experimental biomechanics, medical devices, rehabilitation, and

numerical simulation. INEGI actively participates in European projects, including the Horizon Europe Programme.

<https://www.inegi.pt/en/>

OPPORTUNITIES

◆ Project Cooperation

HORIZON-HLTH-2024-TOOL-11-02: Bio-printing of living cells for regenerative medicine

At INEGI, we are looking for partners or a consortium to join in, developing several activities. Our computational biomechanics group has over two decades of experience in applying computational numerical modelling tools to enhance healthcare treatments. We have also a strong experience in computational simulation for evaluating manufacturing processes with metallic and non-metallic materials, process optimization, equipment creation, and mechanical characterization of advanced materials for biomedical applications.

Within our team, we can perform AI tasks, specially image processing and segmentation protocols application to support medical decision-making processes. Apart all of that, we prototype, test and design the devices we develop, performing its Life Cycle Assessment, giving life to innovative and sustainable ideas. Currently, we are developing tools and analysis within a project in the field of regenerative medicine.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

◆ Project Cooperation

Looking for Partners or Consortium for DIGITAL-2024-CLOUD-DATA-06-HEALTHCARE-AI

INEGI's Biomechanics Group, with its extensive experience in developing projects for the healthcare and sports sector, stands out as a partner in the intersection of biomechanics and artificial intelligence.

INEGI's prowess in biomechanics provides a solid foundation for developing AI tools that can evaluate human motion and biomechanical parameters, prioritizing person's well-being and ensuring safety standards are met. Besides that, our team is capable of developing AI tools to detect motion, diseases and many other parameters of interest. This capacity is crucial for designing AI tools that provide an easy-to-understand and more user-friendly experience.

Our organization has experience in acquiring and pre-processing video signals from medical equipment, which we seamlessly integrate into AI classification and prediction models. Our expertise in processing medical imaging has enabled us to gain a comprehensive understanding of various techniques and optimize the quality of our work. We work in the development of Machine Learning models to predict diseases, which helps the improvement of current treatments, by using techniques of supervised and/or unsupervised learning, such as deep learning, convolutional neural networks (CNN), long short-term memory networks (LSTMs), and many traditional techniques from the area.

Type

Partner seeks Consortium/Coordinator

Inês Costa

**Universidade de Coimbra - Faculty of Medicine
Science & Technology Manager**

ABOUT

The Faculty of Medicine of the University of Coimbra (FMUC) is an organic unit of the University of

Coimbra, considered to be one of the most important schools of medicine in Portugal. Work in close collaboration with Coimbra University Hospital (also a EIT Health partner), in a fruitful



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and successful partnership in research, project proposals and project implementation, providing us access to all medical areas, to healthcare professionals, samples and patients;

Vast experience in international funding programmes, resulting in a considerable and extended international network with partners from different backgrounds, areas of knowledge and expertise.

<https://www.uc.pt/en/fmuc/>

OPPORTUNITIES

◆ Project Cooperation

Faculty of Medicine of University of Coimbra expertise

Faculty of Medicine of the University of Coimbra expertise and contribution to this topic:

Access to all medical areas. Strong research and clinical community engaged in communicating health literacy for the society.

Content building adapted to society and to specific target groups (children, young adults, elderly).

Previous experience in community engaging projects, with access to a wide variety of stakeholders: Health Care Providers, Health Regulators, Schools, Municipalities, companies.

Experience in European projects dedicated to communication of health literacy to society

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Faculty of Medicine of the University of Coimbra expertise

Faculty of Medicine of the University of Coimbra expertise and contribution to this topic:

Research groups, from basic to clinical research dedicated to cardiovascular diseases, metabolic diseases, vision diseases and oncology.

Access to all medical fields.

Access to patients and healthcare professionals through our University Hospital

Wide network of partners, including health regulators and policymakers, companies and patient associations.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Faculty of Medicine of University of Coimbra expertise

Faculty of Medicine of University of Coimbra expertise and contribution to this topic:

Strong, internationally recognised clinical research group on respiratory diseases and public health

Provide scientific and clinical support for the creation and validation of guidelines and evidence on pollution-related illnesses and impairments.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Faculty of Medicine of the University of Coimbra expertise



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Faculty of Medicine of the University of Coimbra expertise and contribution to this topic:
Strong research community, comprising basic to clinical research in significant medical areas - cardiovascular diseases, metabolic, vision and oncology.

Access to all medical fields, patients and healthcare professionals through our University Hospital.

Newly established biobank, with latest state of the art technology for data and sample storage, available to all community, according with FAIR principles and EU Ethical and GDPR regulation.

Wide network of established collaborations with other healthcare providers, academic institutions, health regulators and policymakers, patients.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Faculty of Medicine of the University of Coimbra expertise

Faculty of Medicine of the University of Coimbra expertise and contribution to this topic:

Research Center with animal facilities, that comply with EU best practices in animal base research.

Highly dedicated to continually improving animal facilities, living conditions, reducing animal suffering.

FMUC can serve as a living lab for validation of new interventions dedicated to decrease number of animals needed, newly strategies for non-animal biomedical research based.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Looking for patient association/ representative

The Faculty of Medicine of the University of Coimbra is coordinating a proposal for HE topic HORIZON-HLTH-2024-DISEASE-03-08-two-stage. We are looking for a patient association or representative to join the consortium.

Type

Consortium/Coordinator seeks Partners

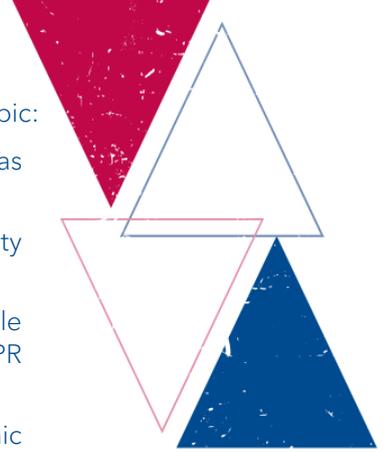
◆ Project Cooperation

Looking for clinical partner

The Faculty of Medicine of the University of Coimbra is coordinating a proposal for HE topic HORIZON-HLTH-2024-DISEASE-03-08-two-stage. We are looking for clinical partners able to implement a clinical study on vision diseases.

Type

Consortium/Coordinator seeks Partners



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Paula Coutinho
Polytechnic of Guarda
Full professor

ABOUT

Polytechnic of Guarda (IPG) is an public institution of Higher Education that serves society through its

five organic units, four Colleges (Education, Communication and Sport, Technology and Management, Health and Tourism and Hospitality) and the Research Unit for the Inland Development (UDI).

Under UDI-IPG capacitation the CPIRN - Center of Potential and Innovation of Natural Resources was created in 2014 to be a research laboratory that assumes as a valuable and differentiator resource, in which the connection of natural resources to the health and industrial sector highlights its potential as a pivot.

The CPIRN-IPG research team is composed of 12 researchers (12 PhD, + 4 MsC students + 2 BsC students) with complementary expertise, with a track record of publications in international peer-reviewed journals, as well as the development of research projects with the main focus on the development of bio(nano)devices for drug delivery and tissue engineering and bioprinting. Besides, other important areas of study are the development of organ-on-a-chips for toxicological evaluation.

🔗 <http://www.politecnicoguarda.pt/>

Catalina Croitoru
Nicolae Testemitanu State University of Medicine and Pharmacy
associate professor

ABOUT

Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova is a nationally and internationally recognized competitive institution in the field of higher medical and pharmaceutical education, postgraduate studies (Residency program and Continuing Medical Education), scientific research and medical-pharmaceutical services, that puts a strong focus on quality, excellence, access and collaboration.

🔗 <https://usmf.md/en>

Nuno Cruz Garcia
Machine Learning, University of Lisbon
Machine Learning Professor

ABOUT

Here's my website: <https://ncgarcia.github.io/>

I am mainly interested in computer vision and deep learning. My current research is related to multimodal data, video understanding, and deep neural networks applied to a wide range of domains, from biomedical to aerial imaging. I am also broadly interested in data engineering and data science.

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LASIGE - <https://www.lasige.pt/>

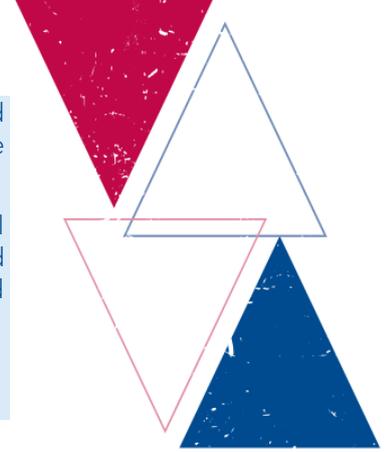


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LASIGE Computer Science and Engineering Research Centre is a research and development (R&D) unit at the Faculty of Sciences of the University of Lisbon (FCUL), in the field of Computer Science and Engineering.

The R&D Unit is organised around six Research Lines of Excellence, namely Digital Accessibility and Systems for the Ageing Population, Cyber-Physical Systems, Data and Systems Intelligence, Health and Biomedical Informatics, Reliable Software Systems, and Resilient Distributed and Networked Systems.

<https://ncgarcia.github.io/>



Annamaria Csizmadia

GE HealthCare Hungary Ltd.

Medical Innovation Manager

ABOUT

GE Healthcare Magyarország Kft is the current legal entity of GE HealthCare in Hungary as of 1st of May, 2019, with sites at Budapest, Szeged and Páty with 300+ software engineers work on innovative digital solutions.

The company has been present in Hungary for 28 years, as one of the largest healthcare companies operating in the country. It still has a broad portfolio including manufacturing, shared services and digitalization, employing more than 700 people. In 2022, the total consolidated revenue of GE HealthCare Magyarország Kft. exceeded 40,3 billion HUF. Due to its significant economic role, the Hungarian Government signed a strategic cooperation agreement with GE in Hungary at the end of 2012.

GE HealthCare in Hungary works in close cooperation with Hungarian academic, clinical and industrial institutions, thereby increasing the country's participation in global health research, software and product development projects.

The innovative capabilities of Hungarian researchers, software developers and clinical specialists are well proven by the fact that one of the company's largest Data Science team is located in Hungary, using Artificial Intelligence and Deep Learning technology to enable faster and more precise diagnostics, treatment and patient care solutions. Healthcare transformation via digital innovation reshapes the experience of patients and providers with an increased need for more precise, connected, and efficient care. GE Healthcare digital teams in Hungary work on cutting-edge technologies to support GE HealthCare's mission, advancing its position as a global leader in precision care.

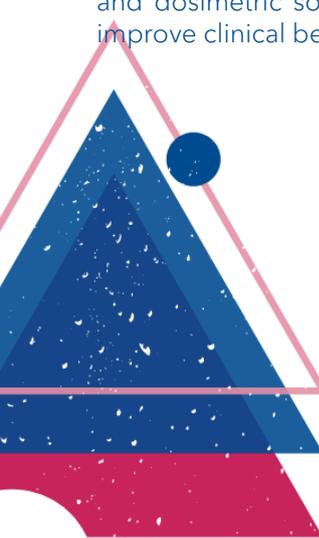
<https://www.gehealthcare.hu/>

OPPORTUNITIES

◆ Project Cooperation

Delivery of multi-modal Theranostics solutions

Novel targeted treatment solutions, combining internal or external radiation sources with other cancer treatment modalities have shown substantial promise and a growing number of such therapies are being evaluated in clinical trials. However, access to these promising therapies remains heterogenous and fragmented, in part due to technological and manufacturing limitations to produce appropriate radiation. Our aim is to develop novel imaging and dosimetric solutions to guide patient selection, and developing novel biomarkers to monitor response and improve clinical benefit. Explore the pathway from radionucleotide production to clinical use.



Péter Csizmadia

National Public Health Center

ABOUT

The National Public Health Center (NPHC, Hungary) functions as a central budgetary authority being a central agency under the direction of the Minister responsible for public health. NPHC has national competence within its scope of activities.

In order to fulfill the public health goals set out in the legislation, NPHC performs managing, coordinating and supervising activities related to public health (especially environmental and settlement health, food and nutritional health, child and young health, radiohygiene and chemical safety), epidemiology, health development (health protection, health education, health promotion), and public health administration, as well as supervision of healthcare provision; furthermore on the basis of delegated competence NPHC carries out tasks and duties relating to occupational health (workplace hygiene, occupational medicine), exercises and executes private law rights and duties in the field of occupational health.

NPHC is managed by the Chief Medical Officer (CMO). The CMO is involved in exercising powers granted to the Minister as professional manager over the government offices of the capital city and of the counties and the subregional (or district) offices acting in their public health function.

🔗 <http://nnk.gov.hu/>

OPPORTUNITIES

◆ Project Cooperation

Implementation of health promotion projects among the Hungarian population

The main goal of National Public Health Center is to improve and protect the health of the Hungarian population. Among many areas of public health, one of our most important goal is the development of health promotion system. The NPHC targets both adult and child populations and gives professional supports to health promotion offices and mental health centers working at the local level. It is important for us to improve the health culture of communities and individuals and to develop the abilities of individuals, and to educate them within the framework of a complex public health approach. In the near future, we would like to place greater emphasis on the implementation of school health promotion and mental health promotion programs.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

A systemic, whole-school approach to mental health and well-being in schools

The whole-school approach involves multiple components including early identification and intervention; staff wellbeing and development; and skills-based work for pupils, but above all it adopts a positive and universal focus on wellbeing.

Type

Partner seeks Consortium/Coordinator



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Diana Cucos
Nicolae Testemitanu State University of Medicine and Pharmacy
Executive project officer

ABOUT

Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova is a public higher education institution that provides education and training to doctors and pharmacists, ensuring the functionality and sustainability of the Moldovan health care system.

Nicolae Testemitanu University hosts the only Doctoral School in Medical Sciences at the national level (being also the largest PhD school) which is in charge of organizing advanced doctoral and postdoctoral study programs and its basic objective is to ensure and evaluate the quality of higher education and scientific research.

The Strategy for strengthening Research and Innovation activities within the Nicolae Testemitanu University for the 2020-2030 period was adopted and is being implemented. The general objective of the Strategy foresees the adjustment of R&I activities to the internationally-recognized requirements in terms of management, infrastructure, and research processes per se, as well as ensuring that medical education in the University is achieved through research.

On 4 April 2016, the European Commission awarded our University with the logo "Excellence of Human Resources in Research". This instrument supports the University in complying with the general conditions and principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers.

At the same time, the University is part of the EURAXESS Network - Researchers in Motion - a unique pan-European initiative delivering information and support services to professional researchers. A local contact point within the university is nominated in order to provide all the needed support on the EURAXESS portal opportunities for young researchers' career development.

The education through research approach was introduced to provide new knowledge, transfer good practices, and increase the responsibility of researchers for the quality of the scientific results obtained.

National and international projects allow the scientific community to consolidate research infrastructure, develop research capacity, acquire research skills through knowledge transfer and international expertise, take up European best practices in medical and health research, adopt and implement European standards and regulations, publish in high-impact journals, strengthen the research management and administration skills. The university is running more than 60 research projects funded under national and international programmes, including Horizon2020, ERASMUS+, COST Actions, EraNet.RusPlus, JPIAMR, CEI KEP, NIH (USA), Interreg Danube, and others.

 <https://usmf.md/>

Vanessa Cunha
Instituto Pedro Nunes

ABOUT

The IPNlas highlights its knowledge and experience in Medtech and Digital Health regarding:

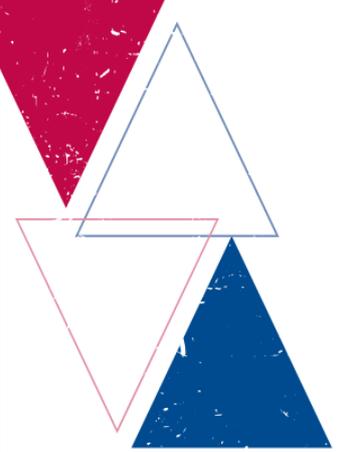
- development of proof of concept and MVP in Electronics, Embedded Systems, Internet of Bodies, Internet of Things and Collaborative Robotics;
 - early-stage health technology assessment, validating the high-value care of innovation and;
 - regulatory pathway for medical devices,
- increasingly focusing on cutting-edge technologies as a differentiating factor in the provision of specialized services.



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Under the H2020, we can highlight our expertise applied to the SmartWork project. SmartWork builds a worker-centric AI system for work sustainability with a suite of novel services for context and worker-aware adaptive work support. For more information about our organization please find attached a presentation of IPNlas activity and portfolio. We are also partners of ROSIA-PCP (which stands for Remote Rehabilitation Service for Isolated Areas), that will deliver a comprehensive service to patients in need of rehabilitation, enabled by cutting-edge technology, new care pathways and community support.

IPNlas is also a partner of TEF-Health by developing a reference testing and experimentation facility (TEF) with a threefold Objective: (1) Carrying out tests and experiments of AI solutions in real or realistic environments; (2) Implementing evaluation activities to facilitate market access for trustworthy intelligent technologies considering regulatory requirements (certification, standardization, code of conduct), and ensuring easy access to these resources (link with digital innovation hubs); and (3) Optimizing investments by capitalizing on past investments.



George Dafoulas

Faculty Of Medicine, University Of Thessaly

Clinical Research Fellow

ABOUT

The University of Thessaly <http://www.med.uth.gr> is located in the area of Thessaly in Central Greece with campuses in the cities of Volos, Larissa, Trikala and Karditsa. Despite its young age of about 35 years old, it demonstrates a remarkable presence in the academic ranking of universities. Most of its Faculties, as well as the University as a whole, have been positively evaluated by international visiting Committees, based on the considerable research and scientific performance of the academic staff and the high quality teaching programmes.

The Faculty of Medicine www.med.uth.gr of the University of Thessaly, was founded in 1985, welcoming the first students in the academic year 1990-1991. Since its foundation it has earned a distinguished reputation, nationally and internationally, for its quality of teaching and research. It has been the first faculty established since the opening of the School of Health Sciences at the University of Thessalia, it has been autonomous since 1995 and operating in the city of Larissa. Approximately 100 students are enrolled in the undergraduate programme of the School per year, with a total number of students of 700. The premises of the Faculty of Medicine include laboratories for pre-clinical study, teaching rooms, auditoria, and administrative services quarters, all of which are situated in the new building of the Faculty of Medicine in Biopolis, with the Regional University Hospital of Larissa close by. The clinic units are located at the Regional University Hospital of Larissa <http://www.uhl.gr/uhlen/>, with 643 beds - 350 recently developed. The application of modern technology and the recently constructed library, which holds extensive collections of current and historical materials on Medicine, add to the already developed educational activities of the Faculty of Medicine new research and diagnostic potentials.

 <http://www.med.uth.gr/en>

OPPORTUNITIES

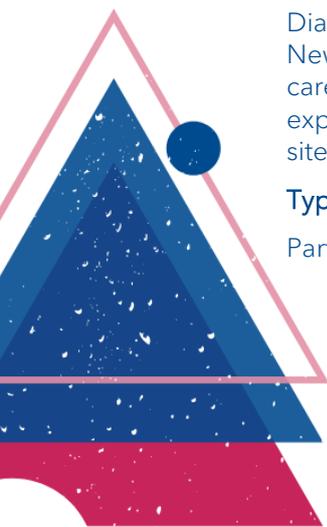
◆ Project Cooperation

Comparative effectiveness research for healthcare interventions in areas of high public health need (Diabetes and comorbidities)

Diabetes Mellitus and its comorbidities is a modern pandemic and a high burden for the public health. New technologies and medication regimens have been developed, yet given the high cost of health care, comparative effective research is required. Our University Hospital Department has important experience in similar projects and we are interested to join a consortium under this topic, as a pilot sites of the specific Use Case of Diabetes and comorbidities

Type

Partner seeks Consortium/Coordinator



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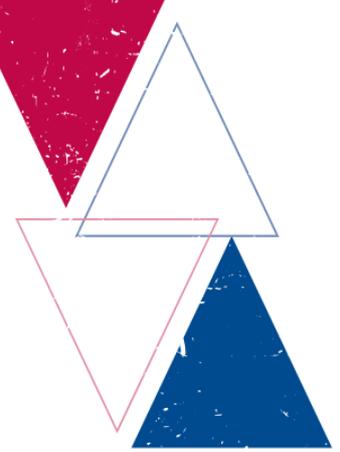
◆ Project Cooperation

Personalised prevention of Diabetes Mellitus and Comorbidities - addressing areas of unmet needs using multiple data sources

Diabetes Mellitus and its comorbidities is a modern pandemic and a high burden for the public health. New technologies and medication regimens have been developed, yet personalised prevention is not yet developed. Our University Hospital Department has important experience in EU funded research projects and datasets of the Greek NHS and we are interested to join a consortium under this topic, as a pilot sites of the specific Use Case of Diabetes and Comorbidities

Type

Partner seeks Consortium/Coordinator



Christakis Damianou

Cyprus University of Technology

Professor

ABOUT

CYPRUS UNIVERSITY OF TECHNOLOGY (CUT) is a public university which was founded in 2003. The first students were accepted in 2007. The Cyprus University of Technology is based at the city of Limassol, where all six faculties are located. CUT's main faculty is the school of Engineering and Technology, which receives 70 % of the research funding. This faculty includes the therapeutic ultrasound laboratory that is headed by Christakis Damianou, which belongs to the Electrical engineering department. The therapeutic ultrasound lab occupies a 100 m² area and has complete infrastructure of therapeutic ultrasound equipment. The laboratory is an approved center for performing experiments in rabbits/mice/dogs/cats in Cyprus.

CUT was recently ranked in the top 300-350 universities (Times Higher Education World University Rankings 2019). Among the universities ranked, it was the youngest university (14 years of operation).

🔗 <https://www.cut.ac.cy/?languageId=1>

Przemysław Danek

Maj Institute of Pharmacology Polish Academy of Sciences

Asistent

ABOUT

Maj Institute of Pharmacology, Polish Academy of Sciences specializing in neuro- and psychopharmacology. Scientific investigations focus on the nervous system disorders and the search for new biologically active substances that act on the central nervous system and can be used in the treatment of neurological and psychiatric conditions.

The Institute's research priorities include depression, schizophrenia, chronic pain, drug and natural rewards and addiction. Further, study areas involve anxiety, post-traumatic stress disorder, neurodegenerative and immunoendocrine processes and phytochemistry. The Institute's scientific activity promotes the search for innovative therapeutic strategies and biomarkers of certain pathological processes in the central nervous system using genomics, proteomics and transcriptomics. Modern infrastructure and broad spectrum of in vitro and ex vivo research technics, such as flow cytometry, mass spectrometry, confocal and fluorescence microscopy, optogenetics, microdialysis, chromatography, immunohistochemistry, modern electrophysiological methods, transgenic models and bioinformatics tools, available in the Institute, enable study of brain function at multiple levels.



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<http://www.if-pan.krakow.pl/pl/strona-glowna/>

Aspasia Dania
National and Kapodistrian University of Athens
Assistant Professor

OPPORTUNITIES

◆ Project Cooperation

Modern Pedagogical Approaches in Community and Public Health promotion

The primary goal of our proposal is to enhance practitioners; knowledge about modern pedagogical approaches in health promotion, as a means of establishing and improving public health teaching practices with a focus on empathy and community-connectedness.

The major foreseen outcomes are:

- ◆ Establishment of a cross-disciplinary pedagogical framework for public health promotion;
- ◆ Development of courses related to public health evaluation under a bio-pedagogical perspective
- ◆ Initiation of interdisciplinary cooperations and pilots on emerging topics in public health promotion under a cross-disciplinary bio-pedagogical perspective (e.g., nutrition, allergies, environment, noncommunicable diseases, physical activity and sport).

Type

Partner seeks Consortium/Coordinator

Condrea Daniel
Institutul de Chimie Macromoleculara "Petru Poni"
economist

ABOUT

Petru Poni Institute of Macromolecular Chemistry (Institutul de Chimie Macromoleculara Petru Poni, ICMPP) is an Institute of excellence of the Romanian Academy. Established in February 1949, the Institute has a long tradition of over seventy years in fundamental and applied research in the field of organic and inorganic chemistry, polymer chemistry and physics.

The main mission of ICMPP consists in the accumulation, dissemination and valorization of knowledge obtained through fundamental and applied research in areas of national, European and international interest. To achieve the desired excellence in research, the strategic objectives of the Institute aim at performance in human resource education and specialization (PhD, post-doctoral) or are oriented towards the application of scientific results through the transfer of knowledge and technologies or to provide services and consultancy for economic agents

<https://www.icmpp.ro/>



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Berk Deniz

Emoda developer

ABOUT

Emoda Software is a ICT company based in Turkey that specializes in providing research and development solutions for the healthcare industry. Our company is at the forefront of developing innovative mHealth applications that seamlessly integrate with IoT devices to monitor and track patient health data in real-time. We have extensive experience in implementing AI-based clinical decision support systems (CDSS) and have worked closely with hospitals, clinics, and other healthcare providers to understand their specific needs and tailor our CDSS solutions to meet those needs. With the experiences gained, we have had the opportunity to participate in a number of European Union funded projects.

Furthermore, our company has a proven track record of working with large amounts of patient data, such as electronic health records (EHRs) and other clinical data, and has the expertise to effectively analyze and interpret this data to generate accurate and useful recommendations for clinicians. Emodas Clinical Data Ingestion supports the ingestion of real-world, clinical, patient and operational data in structured and unstructured formats.

In addition to our mHealth capabilities, our company also has the ability to efficiently collect, process, and analyze large amounts of data from various sources in order to construct and sustain

digital twin platforms and its components. Additionally, we possess a wealth of expertise in utilizing artificial intelligence and machine learning techniques to design models and algorithms that accurately simulate real-world processes and make predictions based on data analysis

🔗 <https://www.emodayazilim.com/>

OPPORTUNITIES

◆ Project Cooperation

We are interested in joining consortiums

Emoda Software is interested in joining consortiums and offering our expertise in CDSS, IoT, AI, digital twins, data ingestion, and mHealth applications. We have experience in working with multiple hospitals, collecting records on a single platform using HL7 and FHIR standards, developing AI-based decision support services, and creating mHealth apps for patients and hospitals. We have also participated in three EU projects and are open to collaboration.

Type

Partner seeks Consortium/Coordinator

Apostolos Dimitriadis

FORTH Business Development Manager

ABOUT

The Center for eHealth Applications and Services (CeHA) of FORTH is a business unit of the Institute of Computer Science (FORTH-ICS). It operates as part of the Computational Biomedicine Laboratory (CBML) of FORTH-ICS and its work focuses on the transfer of research results into operational use,

with the vision of providing immediate and effective care where needed. Its mission is to develop innovative, user-friendly, personalized digital tools to support effective and sustainable health services for all.



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It systematically transforms its many years of research experience and know-how into innovative solutions in the field of eHealth, creating products and services for both the Greek and international market. Software developed by CeHA have been installed and operated in more than 60 health units in Greece. They are suitable for medical doctors, nurses, administrative personnel, patients and their relatives, caregivers, telephone operators, dispatchers, civil protection, welfare, as well as the general public. They support our health system against the pandemic and beyond a daily basis. All applications have the ability to communicate electronically with each other, but also with third-party applications and devices, to record multimodal types of data in order to support the desired workflows, support automation and decision support.

On January 17th 2020, the European Commission awarded the coalition of the Foundation for Research and Technology - Hellas (FORTH), led by the Institute of Computer Science, a "4 Stars" Reference Site status, the highest possible ranking, in the European Innovation Partnership on Active and Healthy Ageing.

<https://www.ics.forth.gr/ceha/>

OPPORTUNITIES

◆ Project Cooperation

Digital health expertise with links in hospitals and primary care units.

CeHA has received a large number of awards in national and international innovation competitions, during the past few years. The Integrated Care Solutions application suite has received a gold award in the category of digital applications for the management / support of health units (2019), as well as the initiative in which it participated for the creation of the Reference Center of the European Innovation Partnership for active and healthy aging in the category National / Regional Health Initiative (2020), thus highlighting FORTH-ICS as the first in the category "Top Universities - Research Centers - Educational Institutions" of the Healthcare Business Awards for 2020. The following year CeHA received an award for the creation of the Hellenic Digital Health Cluster, thus contributing to the award of FORTH as the "Top Research Foundation" of the Healthcare Business Awards for 2021.

CeHA has successfully completed the implementation of more than 400 projects from 2010 to date. It is coordinating the European Digital Innovation Hub smartHEALTH with focus on digital health.

It's R&D expertise and focus is on:

1. Personal Health Systems and Pervasive Mobile Monitoring:

Our group is strongly involved in the development of technologies for personal health systems focusing on the development of innovative personalized health services to empower individuals in well-being and disease prevention, and chronic disease management. Personal Health Systems covers well-being, prevention of specific diseases or follow-up and management of existing chronic diseases enhance patient empowerment and self-care management. These technologies have the personal health record as the underlying architecture embracing remote monitoring for sensor data collection, functional and semantic interoperability, extraction of relevant features for detection of alarming and/ or alerting subsystems, personalized feedback and recommendation services for the patient or informal caregiver. Our activities include smart ubiquitous intelligent health systems and un-obstructive ubiquitous acquisition, transmission and interpretation of different bio-signals from fixed or mobile locations. We focus on the creation of innovative multi-purpose heterogeneous networking infrastructures providing in-transit persistent information storage for personal health systems' and monitoring environment services able to overcome current network instabilities and incompatibilities.

2. Citizen-centred eHealth:

Our R&D activities focus on the development of digital tools for wellbeing, citizen empowerment and a healthier society. Tools that facilitate user feedback and person-centred care help people look after their own health, stimulate prevention, and enable feedback and interaction between users and healthcare providers. CBML Research outcomes and products ensure the confidentiality of personal health data, and protect the integrity of a citizen's personal device upon which they are stored in conformity with data protection regulations. The objective is to facilitate the creation of innovative services, on top of provider-centric solutions, to empower people to resolve health issues and improve health outcomes.

3. Personalized Care Delivery - Coordinated Care:



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Chronic conditions require coordinated care management to address escalating health care costs. Our R&D activities focus on improving the information available to healthcare professionals and carers, in order to be able to manage optimally the available resources (time, facilities and equipment) for quality health care and the realization of the vision of eHealth for citizen secure access to health data for life. The objective is to design, develop, validate, and deploy tools, services and products towards supporting continuity of care to advance independent living and participatory care.

4. eHealth Interoperability:

Interoperability in the healthcare domain has tangible benefits, such as saving time, reducing costs, increasing transparency and improving the quality of services offered to citizens, administration and businesses. Our activities focus on the creation and implementation of policies and strategies for interoperability in the healthcare domain towards overcoming regulatory boundaries. Interoperability implementation and governance at all levels (legal, organizational, technical and semantic) are essential to support new processes and forms of health services for effective and efficient decision making, continuity of care, and sustainable societal changes.

Type

Partner seeks Consortium/Coordinator

Dimitar Dimitrov

Health & Life Sciences Cluster Bulgaria

Chairman of the Managing Board

ABOUT

Health & Life Science Cluster Bulgaria ([www.biocluster.bg](http://biocluster.bg)) is a non-profit organization that united businesses and organizations with Key Activities focused on practical application of life sciences & health. Innovative companies in the field of drug discovery, genetic research, 3D human tissue printing, software solutions for medical and outpatient care, drug manufacturing, nutrition supplements, green technologies, bio-based technology, foodtech, agritech and many more.

 <http://biocluster.bg/>

OPPORTUNITIES

◆ Project Cooperation

Open for collaboration as a partner from Bulgaria

Health & Life Science Cluster Bulgaria (www.biocluster.bg) is a non-profit organization that united businesses and organizations with Key Activities focused on practical application of life sciences & health. Innovative companies in the field of drug discovery, genetic research, 3D human tissue printing, software solutions for medical and outpatient care, drug manufacturing, nutrition supplements, green technologies, bio-based technology, foodtech, agritech and many more.

Other partner can be: Artificial intelligence Cluster Bulgaria (www.aicluster.bg).

Type

Partner seeks Consortium/Coordinator



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ABOUT

BioTalentum is a Hungarian human stem-cell SME, actively working on NAMs for 21st century toxicology applications. Prof.Dinnyes is a very experienced coordinator (11 Fp7/H2020) and current participant of 3 alternative testing method focused H2020 projects (EuToxRisk, TUBE, IN3) and CRO provider of such services to industry. We plan to develop further in vitro and in silico methods, validation and industrial uptake. Our Green Deal objective is to develop and apply human in vitro toxicology NAM tools integrating understanding of human biology and related toxicity pathways towards comprehensive safety assessment of chemical substances/mixtures/pharmaceutical residues/metabolites without animal testing.

We offer human stem cell based neurotoxicity (2D/3D), cardiotoxicity, multi-organ-on-a-chip technology and AOP/modelling to provide a better understanding on human molecular/cellular/organ level for chronic, repeated dose, low dose and mixture effects. Due to our Consulting Branch, we can provide professional proposal submission services, and management, dissemination, outreach, business development, regulatory contacts in a consortium

🔗 <https://www.biotalentum.eu/>

OPPORTUNITIES

◆ Project Cooperation

In vitro human-cell based NAM methods for toxicology and disease modelling

Replacement of animal models by 2D and 3D (organ on a chip) methods, using human stem cell derived relevant organ models. BIOT would provide the neuronal and glia (astro, oligodendro

and microglia) components and brain organoids, cardiomyocytes and cardiac organoids, pancreatic organoids. Providing human-relevant NAMs to study effects of chemicals and their mixtures (+/- pharmaceuticals) and their metabolites. Identify biological and gene expression changes for MIEs, AOPs, modelling effects to support regulatory decisions and industrial development of safer molecules. BIOT in vitro toxicology assays would be used to validate the in silico predictions concerning drug toxicity and mechanisms.

Own expertise in human toxicology, modelling and regulatory issues, developing novel reporter lines and tools. Interested in biomonitoring and environmental tox partners, human cohorts, animal models, collaboration with in silico and other in vitro teams.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

◆ Project Cooperation

Bioprinting - providing the bioink

Interested in pancreatic organoid printing, providing hiPSC-derived pancreatic cells for the treatment of Type 1 diabetes. Also providing cardiac cells and spheroids and neuronal and glia cells and spheroids for bioprinting partners.

Type

Partner seeks Consortium/Coordinator



Margarida Diogo
Institute for Bioengineering and Biosciences
Assistant Professor

ABOUT

Margarida Diogo is senior researcher at the Stem Cell Engineering Research Group of iBB, leading the Focus Area of Biology and Engineering of Pluripotent Stem Cells. Her research activities are focused on the development of advanced neural and cardiac tissue models from hPSCs and their applications for disease modeling, drug screening and toxicology assays.

The Institute for Bioengineering and Biosciences (iBB) is a new research unit created in 2013 at Instituto Superior Técnico (IST), Universidade de Lisboa (UL), that aims to excel in research and advanced education in biotechnology, by responding to the challenge of exploring innovative approaches to key scientific and technological questions in Biosciences and Bioengineering and of transforming scientific knowledge into tangible innovation.

🔗 <https://ibb.tecnico.ulisboa.pt/about.html>

OPPORTUNITIES

◆ Project Cooperation

hiPSC Technology for Engineering Human Tissue Models including brain, cardiac and hepatic tissue models

Our competences include the differentiation of hiPSCs into dorsal and ventral forebrain organoids (and their assembloids), cerebellar, cardiac and hepatic organoids and their in-depth molecular, structural and functional characterization of these organoids for modeling diseases and for toxicological assays.

Type

Partner seeks Consortium/Coordinator

Árpád Dobolyi
Eotvos Loránd University
Professor

ABOUT

Eötvös Loránd University (ELTE) is one of the oldest and largest universities in Hungary. Currently, it has nine faculties and runs 50 bachelor, 120 master programmes and hosts 17 doctoral schools. According to global university rankings ELTE is one of the best public universities in Hungary, ranks among the top 5% higher education institutions worldwide. It has an extensive international network of partner organizations, collaborating with more than 500 Erasmus partner institutions and 150 further bilateral international partners.

ELTE is a member of the following international university networks: EUA (European University Association), EUF (European University Foundation), Charm-EU (Challenge-Driven, Accessible, Research-based and Mobile European University), CENTRAL (Central European Network for Teaching and Research in Academic Liaison), Coimbra Group, DRC (Danube Rectors' Conference), UNICA (Network of Universities from the Capitals of Europe), Utrecht Network, CELSA (Central Europe Leuven Strategic Alliance).

Research groups of ELTE participated in 35 projects in EU Horizon 2020 programme (including 7 ERC grants) and are supported in 10 Horizon Europe projects. ELTE has received 2 million euro funding from Horizon Europe so far. Apart from focusing on research excellence, ELTE also aims to strengthen innovation, cooperation with businesses and exploitation of research results. It has strategic cooperation with big companies (e.g. Ericsson, Mol, Morgan Stanley) and 17 spin-off companies have been created at ELTE so far.

🔗 <https://www.elte.hu/en/>



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OPPORTUNITIES

- ◆ Project Cooperation

We can perform transcriptomics, proteomics, bioinformatics, neuroendocrine research, in vivo chemogenetics

Type

Partner seeks Consortium/Coordinator

Daniel A. Dourado

International Platform for Science, Technology and Innovation in Health (PICTIS)

Researcher

ABOUT

PICTIS is structured as sectorial laboratories specialized in generating processes, products, and services, with special attention to the Brazilian Unified Health System (SUS) and the Portuguese National Health Service (SNS). As such, it is committed to communicating knowledge and technologies for the welfare of societies.

It is an innovative mechanism for international cooperation that embodies the Fiocruz Innovation Policy (endorsed by the Brazilian Legal Framework for Science, Technology, and Innovation), and the University of Aveiro Strategic Plan, both aimed at the internationalization of Science and Technology Institutions.

🔗 <https://pictis.pt/>

Erica Doutel

Transport Phenomena research center

Investigator

ABOUT

CEFT is a research unit focusing on the sub-domain of transport phenomena (heat, mass and momentum) bridging the main areas of chemical and mechanical engineering. It assembles researchers from various Departments and Institutions across Portugal, thus departing from the traditional model of vertical organization. Since its inception in 1996, it has grown steadily, but sustainably, into a medium sized unit with an informal governance system that potentiates and promotes independent research and enhances creativity.

CEFT vocation lies essentially on fundamental research, in which it has achieved significant success. After in-depth fundamental studies, there have often been opportunities of applying this knowledge. It is also relevant to mention the tradition of CEFT and its vision in developing research activities with the best possible combination of people no matter their origin and place of work. This has brought us to work together with researchers with a wide range of backgrounds (engineers, physicists and mathematicians) and from a wide selection of academic departments and laboratories/ groups, in Portugal and elsewhere.

🔗 <https://ceft.fe.up.pt/Ok>



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Vesselin Drobenov
The40F
General manager / Consultant

ABOUT

The40F may have over 40 causes, but our mission is always the same: to achieve significant positive social impact in everything we do. We work worldwide to build the baseline for a healthy society, using education, innovation, science, transparency, empowerment, and social inclusion. Whether we're partnering with hospitals to develop new treatments, working with startups to create innovative solutions, or collaborating with NGOs to empower marginalized communities, our focus is always on creating real, meaningful change.

!!! We do consultancy for specially curated project proposal together with EurA AG, Germany

🔗 <http://www.40foundation.org/>

OPPORTUNITIES

◆ Project Cooperation

Consortium partner / leader

We are open for partnerships and in some cases consortium establishment and leadership!

Our key-partners: University of Copenhagen, University of Utrecht, Medical Universities in Sofia and Pleven, more than 40 clinics and hospitals, more than 20 EU and US based SMEs (as part of our acceleration programme). We are a SAM organization partnering with BARDA and DARPA on special projects.

Involvements: European access academy, EUnetHTA'21, EPLO/REI

Areas of achievements: Regional regulatory sandboxing (active partnerships on regional level for drug discovery, medical device compliance and HTA); ELSI assessment and audits; Active research in 3D printing and bio-printing (though one of our program winners - Printivo Group Jsc); merging with the OneHealthApproach via one of our SMEs - The BlueSkyLab with a focus on animal DNA analysis and migration monitoring via genome sequencing; utilization of HBOT for longevity via the 120yo (an SME accelerated by the40f); the Lacuna biomaker space for the bright minded people focused on quantum computing and cell biology. We have been mentoring companies from

HongKong to California in the field of biomedical research, mainly specialized in tissue engineering and space technologies.

Our proposal is regarding establishment of regional regulatory sandboxes based on federated learning, but we are ready to cooperate in many differed fields.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

Judyta Dulnik
StentSolution Sp. z o.o.

ABOUT

StentSolution is an innovative startup focused on creating a biodegradable external stent for Coronary Artery Bypass Grafting (CABG). Our external stent is designed to tackle the unresolved challenge of maintaining venous graft patency in cardiac surgery. The primary aim is to enhance patient comfort and extend the lives of those suffering from coronary artery disease.

🔗 <https://stentsolution.com/>



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Anthi Dzouveleidou
Collaborate Healthcare IKE
Special Projects Officer

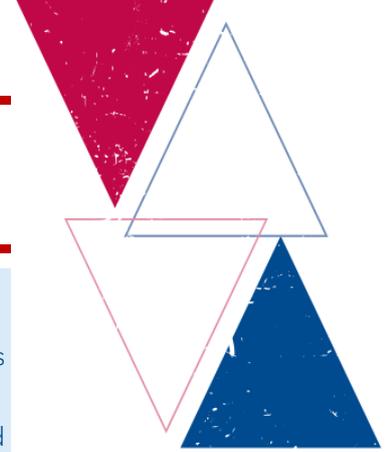
ABOUT

Collaborate is a clinical application for data collection and unification, which concerns medical, clinical, lifestyle and health conditions real world data.

All of them are easily retrieved by utilizing data collection from wearables, specialized multiomics diagnostics, data centers as well as medical data from EHR (Electronic Healthcare Records), that is used by healthcare practitioners, Hospitals, Clinics in their daily practice for patients/cases management and finally the data provided by patients themselves.

The platform scope is to unify multiple health data aggregation, aiming to contribute to scientific research and innovative interventions, based in biomarkers identification, which prevent and improve disease management.

🔗 <https://collaborate247.com/>



Zeynep Eran
TUBITAK/MAM (Marmara Research Center)
Post Doctorate

ABOUT

TÜBİTAK MAM, aside from its research capacity and infrastructure, is one of the leading institutions of advanced technology worldwide. Tübitak offers unique solutions to public, private and military

institutions and organizations. These solutions are implemented as basic research, applied research and development, technology transfer, innovation, system and facility construction, national standard and norm setting, professional consultancy and training activities. I am working

on my specialization in microbiology and molecular genetics at this institute. Currently, I carry out recombinant studies in the laboratory of vaccine technologies, as well as operate in the fields of antimicrobial studies and sterility. Although I have worked on biofilm regulation and prevention of biofilm formation in various microorganisms (such as Salmonella spp, M. tuberculosis) for a long time, I have been involved in drug research studies for coronavirus (COVID 19) during the pandemic.

🔗 <https://mam.tubitak.gov.tr/en/kurumsal/who-we-are-0>

OPPORTUNITIES

◆ **Project Cooperation**

Microbiology and infectious diseases

I would like to inform you about Tübitak, MAM and the facilities of the institute where I work as a Post-Doctorate Researcher and I would like to give more information other than my profile about my competencies and my field of interest. Thus, we understand the competencies that we can offer within the studies.. I have worked on recombinant DNA studies in different bacteria to examine their genes which have roles in biofilm formation for years (<https://doi.org/10.1007/s11033-020-05573-6>). In addition, my colleagues and I worked on a project named "Examination of the effectiveness of existing drug active ingredients in silico, in vitro and in vivo against COVID 19" during the pandemic. "Ribavirin shows antiviral activity against SARS-CoV-2 and downregulates the activity of TMPRSS2 and the expression of ACE2 In Vitro" has been published in Canadian journal of physiology and pharmacology, <https://doi.org/10.1101/2020.12.04.410092>. Our aim was to observe the activity of the drug with anti-SARS-CoV-2 activity by performing in vitro, in silico and molecular technical studies.



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Furthermore, I worked on Mycobacterium tuberculosis and Mycobacteria other than tuberculosis (MOTT) in the Department of Tuberculosis in Duzen Laboratories between the years 2011,2012.

During studying Mycobacterium tuberculosis and Mycobacteria other than tuberculosis (MOTT) Matrix assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS) was routinely preferred for the identification of bacteria due to its advantages over phenotypic or molecular methods. The performance of the MALDI TOF-MS device and the current database were evaluated in terms of mycobacteria identification.

I am experienced in many laboratory techniques in molecular biology such as PCR/QPCR, Recombinant DNA, 2D SDS PAGE and Western Blot, Recombinant DNA Techniques, Cell Culture Technique, Biofilm Detection Techniques, MALDI-TOF Technique, Identification Techniques of Bacteria Biochemically, Fluorescence Microscopy Techniques, Bacterial cDNA synthesis, mRNA and plasmid isolation techniques, Plasmid transformation, electroporation techniques, Electrocompetent bacterial cell preparation, Agarose gel techniques, Flow Cytometry, ELISA, Protein Extraction, Cell Culture Techniques.

I was a part of a project about understanding the roles of passive and specific immunotherapy which helps the immune system to resist diseases as a researcher in RMIT university in Melbourne, Australia. I focused on the effect of Trichophyton rubrum in immunosuppressed patients. I searched the inhibition of macrophages by the fungus, its response to itraconazole and the role of fungus in secretion of protease genes. Beside this, the effects of the fungal habitat in diabetic patients were examined as part of this research project. Furthermore, in Melbourne, Australia in the South Melton Treatment Plant and Dingley Composting Plant Factory, the examination of the treatment stages of waste water process including the process of recycling and reusing water was observed mostly microbiologically. Another research in the same factory was about the anaerobic digestion and the treatment technique of biodegradable municipal wastes. The process was based on biogas production and pathogen destruction.

With all the experiences I have plus the help of the facilities such as BSL2-3 laboratories provided by our institute, TÜBİTAK, MAM (Marmara Research Center), Gebze I believe we can respond the needs related to infectious diseases. TÜBİTAK MAM, aside from its research capacity and infrastructure, is one of the leading institutions of advanced technology worldwide. Tübitak offers unique solutions to public, private and military institutions and organizations.

These solutions are implemented as basic research, applied research and development, technology transfer, innovation, system and facility construction, national standard and norm setting, professional consultancy and training activities. I am working on my specialization in microbiology and molecular genetics at this institute. Currently, I carry out recombinant studies in the laboratory of vaccine technologies, as well as operate in the fields of antimicrobial studies and sterility. We are always open to cooperation.

Ipek Eroglu

Istanbul Medipol University

Head of Pharmacy Business Administration Dept.

ABOUT

Istanbul Medipol University (IMU) is a foundation university, aims to deliver an exceptional environment to students from all over the world who are passionate about research. Enriched with three built-in features that are strong organizational culture, entrepreneurship and sustainable dynamism, offering unique educational services, IMU has a prime commitment to train with praiseworthy excellence and focus in developing science and technology.

<https://www.medipol.edu.tr/>

OPPORTUNITIES

- ◆ Project Cooperation

Sustainable Healthcare Center

Seeking for partners to establish a sustainable healthcare center (incl. systems, policy, R&D).



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Istanbul Medipol University is a corporate, enterprising and innovative university with extensive capabilities with academic institutions as well as healthcare facilities; ie. a global international health complex with 10 hospitals in two major cities of Türkiye having JCI standards accepting patients from all over the world, and R&D centers; ie. Research Centers: RC For Health & Pharmaceutical Law, RC For Information Technology Law, RC For Bio-Law, RC For Traditional & Complementary Medicine, Research Institute for Health Sciences and Technologies; Research Groups: Communications, Signal Processing, and Networking Center , Computational Cameras and Vision Healthcare Systems Modeling and Simulation Group, Advanced Computational Biophysics Lab for Designing Targeted and Safe Therapeutic Molecules, Sensory Computational Biophysics Lab, Living Robotics, Innovative Polymer Nanotherapeutics Research Group. Seeking for partners to establish a sustainable healthcare center to coordinate Climate-smart Healthcare - e.g. mitigation, adaptation, resilience, or leadership in low-carbon healthcare; Circular Healthcare - e.g. leveraging healthcare procurement to promote circularity or non-toxic sustainable product design, substituting hazardous substances, or best practice in waste prevention/management; Safer Pharma - e.g. reducing pharmaceuticals in the environment, antimicrobial resistance, or pharmaceutical waste. Antimicrobial stewardship, greening pharmaceuticals and packaging, or preventing pharmaceuticals in wastewater; Sustainable Food - e.g. sustainable food procurement, plant-based diets, reducing food waste in healthcare, or antimicrobial-free food purchasing.

Type

Consortium/Coordinator seeks Partners

◆ Project Cooperation

Pharmacy and Pharmaceutical Sciences Transformation

UN SDG's, EU Green Deal; holistic healthcare and sustainable pharmacy; AI, virtual, digital applications and education tools for healthcare; emergency and disaster management; pandemic preparedness and response; pharmacoeconomics and value creation

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

PharmD-MBA CO-OP Program

Partnership in establishing a next-generation blended learning program with multiple-locations and co-op programs to prepare students to become innovative mindset experts, the next generation of successful high-tech global leaders capable of managing sustainable and resilient healthcare businesses.

Type

Consortium/Coordinator seeks Partners\

Ugur Eser Doğuş Teknoloji

ABOUT

Doğuş Teknoloji is the technology company of Doğuş Group. Having over 21 thousand employees and more than 300 companies worldwide, Doğuş Group operates in seven major industries, namely automotive, construction, media, hospitality, technology, energy and real estate.

Doğuş Teknoloji, with its 450 employees, provides services and products on various technological areas, such as Software Development, Business Intelligence and AI, User Experience Design (UX/CX), Robotic Process Automation (RPA), Web-based Projects Services, Mobile Applications, Process Design, Data Center and Infrastructure, Cybersecurity and Data Protection Consultancy.



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From an R&D standpoint, Doğuş Teknoloji develops innovative projects by using its expertise in Machine Learning, Deep Learning, Natural Language Processing, Blockchain, SW Platform Development and Web/Mobile Applications.

OPPORTUNITIES

◆ Project Cooperation

Looking for a Consortium-Offering Expertise in ML/AI and Software Development

Dogus Technology can contribute to these project ideas by following:

- ◆ Developing software platforms that can collect data from various sources and serve data for building AI models
- ◆ Developing web/mobile applications for citizen engagement
- ◆ Developing machine learning/deep learning algorithms to accurately predict energy production/consumption of specific sites
- ◆ Developing machine learning algorithms for digital twins

Manuela Fernandes
Politechnic Institut of Tomar
Lecture assistent

ABOUT

The Institute is an polytechnic institution of higher education in the European area of higher education, provider of skills in the areas of science, technology, arts and humanities, from the outset, compete complementarily for higher education of their students, producing useful knowledge, skills, competencies and skills, preparing them for the labor market and for the exercise of active citizenship in a democratic society.

The Polytechnic Institute of Tomar still takes as its mission:

a) expanding access to knowledge for the benefit of individuals and society through research, education and cooperation in a project for a global training of the individual; active participation in building an European area of research and education, and a model of regional development based in the creation, innovation and enhancement of scientific and technological knowledge.

b) Participate in networking activities to society, in particular for dissemination and transfer of knowledge, as well as economic exploitation of scientific knowledge;

c) Contribute to the public understanding of the humanities, arts, science and technology, promoting and organizing actions to support the dissemination of humanistic, artistic, scientific and technological culture, and providing the necessary resources for these purposes.

🔗 <https://www.ipt.pt/>

OPPORTUNITIES

◆ Project Cooperation

Self-regulation and PIU's prevention

It's our goal to build tools to prevent PIU and promote self-regulation in digital use, promoting equal opportunities to get access to: Sports activities, Culture events, Digital literacy, and Health care. We need partnerships in healthcare, psychology, Data Science, IA, Machine Learning.



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Tiago Fernandes
Instituto for Bioengineering and Biosciences, Instituto Superior Técnico
Assistant Professor

ABOUT

The Institute for Bioengineering and Biosciences (iBB) is a research unit created in 2013 at Instituto Superior Técnico (IST), Universidade de Lisboa (UL), that aims to excel in research and advanced education in biotechnology, by responding to the challenge of exploring innovative approaches to key scientific and technological questions in Biosciences and Bioengineering and of transforming scientific knowledge into tangible innovation.

The Stem Cell Engineering and Regenerative Medicine Research Group (SCERG) mission is to perform ground-breaking research translated into clinical applications, aiming to promote the development of novel Advanced Therapy Medicinal Products (ATMPs) to improve the quality of human health, with high technological impact in the healthcare sector. In addition to research, there is a strong emphasis on educating and training future scientists at PhD and MSc levels in cutting edge, interdisciplinary methods of science, engineering, and translational medicine.

Our mission is to be leaders in cell and gene therapy and regenerative medicine, by translating pioneering research and development in stem cell, tissue and organ engineering and science to improve human health.

We aim at the development of cell production systems for the ex-vivo expansion of stem cells and/or their controlled differentiation into specific cell types, microtissues and organoids, as well as their integration with bioseparation and high resolution purification technologies, to generate the large numbers of specific and high quality stem/progenitor cell subsets needed for Regenerative and Precision Medicine settings.

🔗 <https://tecnico.ulisboa.pt/pt/>

OPPORTUNITIES

◆ Project Cooperation

Brain, cardiac and liver organoids

What we do: 1) derivation of human pluripotent stem cell (hiPSCs) lines by reprogramming cells from healthy individuals and patients; 2) standard and scalable propagation of hiPSCs using different bioreactor configurations and under chemically-defined conditions; 3) controlled differentiation of hiPSCs into 3D advanced models of the neural, cardiac and hepatic tissues, in particular organoids, and 4) molecular, structural and functional characterization of these 3D models, including global characterization by transcriptomics and further bioinformatics analysis.

Beatriz Fernández
NOVA Medical School
Pre Award Office Coordinator

ABOUT

NOVA Medical School (NMS), part of the NOVA University Lisbon (UNL), is at the forefront of medical education offering MSc and Ph.D. degrees in Medicine and Biomedicine, and a bachelor's degree in Nutrition Sciences. UNL is in the top 300 Universities according with the QS World University Rankings 2023 in the subject of Medicine, occupying the second place at the national level together with FMUL and FMUC.

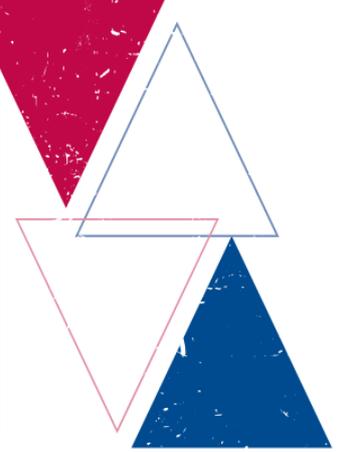
Research at NMS is organized in two R&D units: iNOVA4Health and CHRC, with 42 groups and more than 200 researchers (PhD & MD holders) working in three research domains: Ageing, Lifestyling & Metabolism; Epidemiology and Public Health & Primary Care. NMS has close collaborations with hospitals and health centres and coordinates the Lisbon Academic Clinical Center. NMS is also part of the EIT Health, an international network that convenes experts from business, research, and education to create innovative solutions in Health.



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NMS currently participates in 11 HEU consortia. NMS's unique ecosystem in which clinicians, biomedical scientists, and nutritionists, share work allows a bidirectional knowledge route from molecule to - patient. This stimulating R&D&I ecosystem creates a need-based and health-oriented translational research. NMS infrastructures comprise open-space collaborative laboratories equipped with cutting-edge equipment providing researchers with state-of-the art and fully equipped Facilities (Clinical Trials Unit, Biobank, Rodent and Fly animal houses, Tissue Culture, Microscopy, Cytometry and Histology). NMS is part of ESFRI Infrastructures such as EATRIS, ECRIN and ELIXIR.

<https://www.nms.unl.pt/en-us/research>



Vanessa Ferreira Humanized Solutions

ABOUT

Let's discover how Humanized Solutions can elevate Patient and Citizen Engagement in Healthcare: At Humanized Solutions, Lda, we are passionately dedicated to enhancing patient and citizen participation throughout the entire healthcare journey. Our primary focus lies in consultancy, research, training, coaching, and mentoring services, specifically tailored to patient and public involvement and engagement. We recognize the potential for a strong synergy between your profile and our mission. Thus, we are eager to explore how we might collaborate to create impactful healthcare solutions. Given this, we kindly invite you to ideally reach out to us at patientadvocacy@humanizedsolutions.com. We will be happy to set up a 30 minutes meeting to discuss potential areas of collaboration with stakeholders and assess how Humanized Solutions can support your goals in the healthcare sector. Let's continue our conversation directly via email, where we can arrange a detailed discussion at your earliest convenience. We believe that by collaborating, we can delve deeper into these areas and develop initiatives that align with our shared organizational goals. Humanized Solutions is committed to being a bridge between patient groups, advocates, citizens, and healthcare stakeholders. We ensure that every aspect of healthcare, from research and drug development to access to medicines, digital solutions, and medical devices, is not only responsive to the needs of the end-user but is also co-created with their active participation. Our approach is deeply collaborative, emphasizing the critical role of patient voices in shaping healthcare solutions. We employ a variety of scientific methods, such as participatory research, qualitative, quantitative, and mixed research methods, and human design thinking.

This systematic engagement and listening to end-users are vital, especially as funding entities increasingly emphasize the involvement of end users right from the project conception. To learn more about Humanized Solutions and how we can work together towards a transformative healthcare experience, please don't hesitate to contact us. We look forward to the opportunity of collaborating with you to make a meaningful difference in healthcare.

<https://humanizedsolutions.com/>

OPPORTUNITIES

◆ Project Cooperation

Humanized Solutions

Humanized Solutions helps all stakeholders in the healthcare system when they work with and for patients and citizens by actively involving them in all stages of the life cycle of medicines. We are committed to promoting inclusive, patient-centered research, development, and access to safe and effective medications. We use various Engagement methods: Qualitative, Quantitative, Mixed research methods, Human-design thinking, etc. E-mail: patientadvocacy@humanizedsolutions.com

Type

Partner seeks Consortium/Coordinator



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Hugo Filipe
Polytecnic of Guarda
Researcher - Technical-Scientific Coordinator

OPPORTUNITIES

◆ **Project Cooperation**

Computational simulation of biological systems

We are a research team at CIPRN-IPG (Centre of Potential and Innovation of Natural Resources - Polytecnic Institute of Guarda) with expertise in computational simulation of biological systems, namely, on the detailed characterization of drug permeation, understanding of disease mechanisms and therapeutics, drug repurposing, and characterization of biotechnological solutions.

Our team has experience in high performance computing (HPC), with several projects developed on the national and European (PRACE) HPC resources. In addition, we have experience in the development of bio(nano)devices for clinical applications, namely drug delivery to cancer cells, as well as exploiting the photodynamic therapy (PDT) in cancer treatment. Our research team has a strong computational and experimental background, being involved in developing scientific research through several national and international collaborations. <https://politecnicoguarda.pt/>

Type

Partner seeks Consortium/Coordinator

Monica Florea
Software Imagination & Vision
Head of Unit

ABOUT

Software Imagination & Vision (SIMAVI) is an IT company with experience in the following fields of activity: R&D, Education & eTraining, eHealth, Security, eAgriculture, Customised Applications, ERP & BI, eCustoms, and Government with +1500 commercial clients and +300 succesful projects in Europe, Middle East, North Africa, CIS area.

SIMAVI staff consists of IT specialists with complementary technological capabilities: IoT, Analytics, Big Data, Data mining, Cloud computing, Decision Support Systems, User interfaces, UX design, Virtual Reality (VR), Augmented Reality (AR), Serious Games and Training. Our team is covering all stages of projects development from solution design, proof of concept to prototyping and end-user implementation.

SIMAVI is a member of several prestigious associations in the field of ICT like The European Alliance of IoT Innovation (AIOTI) and Big Data Value Association (BDVA).

SIMAVI is acting as technological partner in the following European Projects from various domains:

Technologies for prevention, investigation, and mitigation: RED-Alert; TeamAware; Search&Rescue; CREST; PREVISION; MAGNETO; CONNEXIONS; SpeechXRays;

Border security: METICOS; BorderUAS; SMILE;

Cybersecurity: ECHO; SIMARGL; CC-DRIVER ; SECANT;

Critical Infrastructure: IMPETUS; ENSURESEC;

Energy & Smart cities: EnergyShield; inteGRIDy. FLEXMETER; FLEXIGRID; CyberSEAS; Health: DeepHealth; SPHINX; InteropEHRate; ProCareLife; MES-CoBraD; Industry 4.0: ZDMP; KYKLOS 4.0; ReCiPSS; FACTLOG; CircThread;

Agriculture and Green Deal: DEMETER; SILVANUS; DRYADS

Smart communities: FLOOD-serv; SUPER_MoRRI; NAIADES; LIV-IN; EUNOMIA;



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Training & eContent: PALAEMON; NEWTON; BEACONING; LAW-GAME; ISOLA;

R&D References: <https://www.simavi.ro/en/rd-projects>

Tools

- ◆ Real-time Early Detection and Alerting Framework for collecting, processing and storing online data related to terrorist activities
- ◆ Social Media Data Acquisition Engine
- ◆ Machine Learning Based Event Information Fusion
- ◆ Collaborative virtual community of practice
- ◆ Face recognition biometrical tool for secured access
- ◆ Access management system for ticketing (metro stations, stadium, concert, events)
- ◆ Decision Support System for air quality management control
- ◆ IoT Smart devices reading data tool
- ◆ Tool for tracking people with special health conditions and measuring biological parameters

<https://www.simavi.ro/en>

OPPORTUNITIES

- ◆ Project Cooperation

SIMAVI Expertise

IT solutions and services Our multi-disciplinary team is involved in commercial and R&D projects, from system Architecture & Design, UI/UX Prototyping, Software Development, till end-user testing and continuous support. Innovation is the foundation of our values as a company and we are using latest ICT technologies to bring added value into all projects. Technological capabilities: IoT, Analytics, Big Data, Data mining, Cloud computing, Decision Support Systems, GIS, Mobile Technologies, User interfaces, UX design, Virtual Reality (VR), Augmented Reality (AR), Serious Games and Training R&D references: <https://www.simavi.ro/en/rd-projects>

Type

Partner seeks Consortium/Coordinator

Anaxagoras Fotopoulos

EXUS AI Labs

Research & Innovation Manager

ABOUT

EXUS AI Labs, the R&D department of EXUS, is where we design and develop robust and trustworthy AI solutions that allow us to leverage the untapped potential of big data analytics across multiple verticals. For more than 25 years, EXUS has gained substantial experience in managing research activities, from the ideation to the realization phase, taking advantage of a highly professional and diverse team. Currently, EXUS AI Labs coordinates and participates in 27 ongoing EU projects which have received funding under the H2020 and Horizon Europe Research and Innovation Programme, as well as national funding schemes such as Innovate UK. EXUS has coordinated in the past 14 healthcare projects.

<https://www.exusailabs.eu/>

OPPORTUNITIES

- ◆ Project Cooperation

Expertise in Risk-based Stratification, AI-based phenotyping, Data Fusion, System Integration

EXUS AI Labs through its experience over the years can lead the WP for AI & Data Analytics technologies offering multiple solutions with reference on ongoing Horizon Europe projects.



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Type

Partner seeks Consortium/Coordinator

Vladimir Gajdov

Scientific Veterinary Institute "Novi Sad"

Bioinformatician

ABOUT

Scientific Veterinary Institute "Novi Sad" is a leading research institution in the veterinary field in Serbia. The institute has different departments which cover every aspect of veterinary medicine (animal and zoonotic infectious diseases, food and feed safety, toxicology and chemistry, clinical science and pathology and epidemiology)

<https://niv.ns.ac.rs/>

OPPORTUNITIES

◆ Project Cooperation

Title proposal: Pathogenomics: Unraveling the Interplay of Infectious Diseases, Pandemics, Zoonoses, and Metagenomics

General description: Pathogenomics: Unraveling the Interplay of Infectious Diseases, Pandemics, Zoonoses, and Metagenomics" could be groundbreaking research project that will aim to investigate the complex relationships between infectious diseases, pandemics, zoonotic infections, and the fascinating field of metagenomics. This project would leverage state-of-the-art metagenomic sequencing techniques to explore the genetic diversity of pathogens present in various ecosystems, including humans, animals, and the environment. By analyzing the collective genetic material of microorganisms, it would be possible to identify and characterize novel and known pathogens, elucidating their transmission dynamics and potential for causing disease outbreaks.

Through comprehensive data analysis, this project could uncover critical insights into the origins, evolution, and spillover of zoonotic diseases, shedding light on the factors contributing to their emergence and potential for global health threats. By understanding the intricate interplay between pathogens and their hosts, including humans, animals, and the environment, the aim would be to develop effective strategies for disease surveillance, prevention, and control. The findings of this project could have significant implications for public health, helping to enhance early detection, response, and management of infectious diseases. Moreover, the integration of metagenomics into disease surveillance systems would enable rapid identification of emerging pathogens, facilitating proactive measures to mitigate the risk of pandemics and zoonotic outbreaks. Ultimately, "Pathogenomics: Unraveling the Interplay of Infectious Diseases, Pandemics, Zoonoses, and Metagenomics" would contribute to a comprehensive understanding of the complex interactions between pathogens, their hosts, and the environment, leading to improved strategies for disease prevention, intervention, and safeguarding global health.

Type

Partner seeks Consortium/Coordinator

Nikolajus Gavrilinas

UAB Lilitit

CEO

ABOUT

At Lilitit, we focus on femtosecond systems for semiconductor and electronics manufacturing, material microprocessing, ophthalmology, nonlinear microscopy, battery, display production,



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scientific research, etc. Our technology is based on international patent which enables us to achieve reliability, scalability and competitive price. We are a team who seeks to accelerate change in the industry by bringing reliable femtosecond lasers to many more labs, factories and clinics.

<https://www.litilit.com/>

Giannis Gialelis

University of Patras

Academia

ABOUT

Founded in 1974, the Applied Electronics Lab is one of the main laboratories in the Electrical and Computer Engineering Department of the University of Patras. The Lab is primarily tasked with instructing students in a range of courses, such as Electronics, Microelectronics, Microcomputers, Telecommunication Electronics, Real-Time Local Area Networks, and Embedded Systems. Beyond providing education, the Lab has showcased its proficiency and creativity in devising and fabricating both hardware and software for diverse fields, including computer systems, backend systems, communication systems, embedded systems (such as IoT and wearables), and technological tools (such as e-platforms and AI applications).

<https://www.upatras.gr/en/>

OPPORTUNITIES

◆ Project Cooperation

Anthropocentric multidimensional profile for personalizing exposure

Digital Twin (HDT) technology incorporating advance electronic devices for generating anthropocentric multidimensional profiles of individuals in relation to the exposure to the main ambient determinants and to various pollutants which contribute substantially to the recording of the holistic impact imposed by the air pollutants and enable the entailment of insights about the overall burden on health encumbrance.

Type

Partner seeks Consortium/Coordinator

Oana Gingu

University of Craiova

ABOUT

The University of Craiova (UCV) is one of the high standing higher education institutions in Romania, fostering the scientific, professional and personal growth of more than 20000 students, guided with competence, professionalism and intellectual generosity by a top flight community of almost 900 academics. Under the patronage of UCV there is INCESA (www.incesa.ro), the newest research hub for applied sciences, within which R&D&I activities are carried out as well as technological transfer to companies in the region and at national level. The multidisciplinary nature of the specializations in UCV offers the possibility of developing research activities in complex and varied fields. The excellence of the activities is confirmed by publications in prestigious magazines/journals as well as by a significant innovation activity, especially in the field of bone tissue engineering. Another field of excellent research from UCV is in the field of minimally invasive medicine, represented by projects focused on the navigation system for confocal laser endomicroscopy to improve optical biopsy of peripheral lesions in the lungs as well as in the field of oncology, to improving cancer diagnosis using artificial intelligence in the service of medical robots.



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Regarding UCV's interest in collaboration in the Health Cluster for European projects 2023-2024, the most recent (April 2023) concerns are in the field of advanced biomaterials processing and application, for bone tissue engineering, in close connection with Artificial Intelligence, Social Sciences and Humanities, Physical Education and Sports, Nutrition and Psychology.

<https://www.ucv.ro/>

Ioannis Gkouzionis

Aisthesis Medical

Chief Executive Officer

ABOUT

Aisthesis Medical is health technology startup company operating on the edge of digital surgical care. Aisthesis Medical currently focusing on the development of an AI-driven clinical decision-support system for complications prediction in operating theatres, intensive care units, and surgical wards.

<https://aisthesismed.com/>

OPPORTUNITIES

◆ Project Cooperation

INTELLI-WARD

INTELLI-WARD is an advanced project designed to enhance patient safety and reduce adverse events in hospital wards. The project will utilize intelligent monitoring technology, wearable devices, and wireless medical sensors to continuously evaluate patient vitals and physiological parameters, generating alerts and notifications to medical staff when abnormal readings are detected.

In addition, the project will incorporate predictive analytics to identify patients at high risk of adverse events, enabling medical staff to take proactive measures and prevent complications before they occur. The predictive analytics component will utilize machine learning algorithms to analyze patient data and identify patterns and trends associated with adverse events. The system will generate alerts and notifications to medical staff when patients meet predefined criteria, allowing medical staff to take timely and appropriate action.

The INTELLI-WARD project offers several key benefits. By providing a comprehensive monitoring system with predictive analytics, the project aims to reduce the incidence of adverse events, such as cardiac arrest, respiratory distress, and sepsis, among others. The system has the potential to improve patient outcomes and reduce healthcare costs by minimizing the need for manual assessments and decreasing the length of hospital stays.

Moreover, the predictive analytics component will provide medical staff with a valuable tool to identify patients at high risk of adverse events and take proactive measures to prevent complications. By leveraging machine learning algorithms and real-time patient data, medical staff will be able to make informed decisions and take timely and appropriate action.

The INTELLI-WARD project will also include a user-friendly interface to access real-time patient data and information. The interface will be designed to provide a comprehensive view of patient vitals, trends, and alerts, enabling medical staff to prioritize patients and respond to critical situations quickly.

In conclusion, the INTELLI-WARD project represents an innovative approach to patient monitoring that incorporates advanced technology and predictive analytics to enhance patient safety and reduce adverse events. The project has the potential to revolutionize the standard of care in hospital wards, improving patient outcomes and reducing healthcare costs.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners



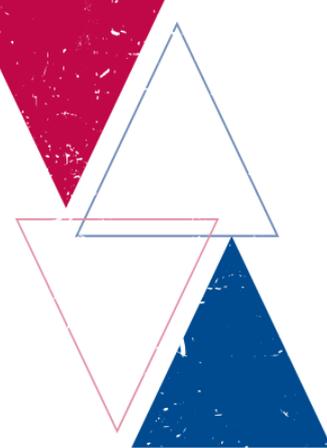
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Nenad Gligoric
Zentrix Lab
CEO

ABOUT

Zentrix is research and SME based in Estonia and Serbia. We have services for federated data access used in health domain. Company authored several healthcare and oneHealth projects, such as IMI2 H2020 FACILITATE, and HE CLIMOS.

🔗 <https://zentrix.io/horizon-europe-grants-writing-proposals/>



Marija Gnjatović
Institute for application of nuclear energy
director

ABOUT

Multidisciplinary scientific research institution conducting both basic and translational research in the fields of biomedicine, biotechnology and agriculture/ecology. The main activity of the Institute INEP is realized through basic and applied scientific research, but INEP has two more sectors, production of in vitro diagnostic (IVD) tests and laboratory testing services. All three activities are accredited and internationally certified according to the ISO standard.

🔗 <https://inep.ac.rs/>

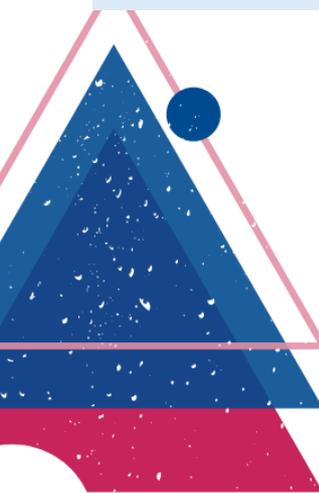
Bárbara Gomes
AccelBio

ABOUT

AccelBio is a collaborative laboratory that aims to be the bridge that brings biomedical science closer to the market. With a set of partners that cover all the necessary capacities and expertise to drive drug discovery, AccelBio selects fundamental research discoveries and cutting-edge technology platforms and tools and guides the transformation of breakthrough science into validated and investment-worthy assets.

AccelBio complements academic research groups and start-ups with industry-standard drug discovery capabilities - target validation, assay development, high-throughput screening, in silico modelling, medicinal chemistry, in vitro and in vivo testing, IP support and business development. Innovative platforms are also being developed within a well-defined R&I agenda that will further boost drug discovery. By providing these capacities and specialized expertise, AccelBio will de-risk drug discovery assets until they are ready to be out-licensed to industry or established as the foundation of new spin-off companies.

🔗 <http://www.accelbio.pt/>



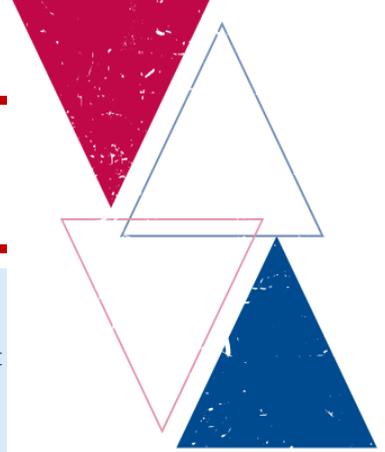
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Eluana Gomes
Clínica Espregueira
Researcher

ABOUT

Clínica Espregueira is a private clinic - FIFA Medical Centre of Excellence - that encompasses several medical specialties, but specialized in musculoskeletal conditions. The clinic has the latest technology in diagnosis and management of orthopaedic and sports injuries. It has a strong background in treating musculoskeletal injuries with a dedicated team comprising of high-quality and specialized orthopedists and physiotherapists. The orthopaedic medical staff is also involved in University teaching and research and innovation activities, with a strong background in research (having a dedicated research center) and educational activities (official teaching center of ESSKA, ISAKOS and ICRS).

🔗 <https://clinicaespregueira.com/>



Emanuel Goncalves
INESC-ID & IST - University of Lisbon
Assistant Professor

ABOUT

INESC-ID is a leading computer science research institution in Portugal – highest score, Excellent, in the last evaluation by the Fundação para a Ciência e Tecnologia (FCT) – in the computer science and technologies fields, including in AI and bioinformatics, with strong national and international networks.

🔗 <https://www.inesc-id.pt/>

OPPORTUNITIES

◆ **Project Cooperation**

hiPSC Technology for Engineering Human Tissue Models

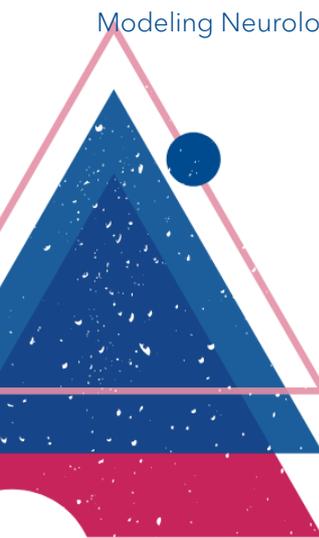
Derivation of hiPSCs lines from healthy individuals and patients

Generation of isogenic hiPSCs by CRISPR/Cas9 editing to correct or recreate pathogenic mutations

Differentiation of hiPSCs into dorsal and ventral forebrain organoids (and their assembloids), cerebellar, cardiac and hepatic organoids

In-depth molecular, structural and functional characterization of organoids

Modeling Neurological Disorders using Brain Organoids



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Miguel Angel Guevara Lopez

Polytechnic Institute of Setubal

Professor

ABOUT

Polytechnic Institute of Setúbal (IPS) was created in 1979 with the aim of promoting both professional expertise and scientific knowledge. IPS includes 5 Schools: Setubal School of Technology, School of Education, School of Business and Administration, Barreiro School of Technology and School of Health Care. In cooperation with its social partners, IPS seeks to contribute to the improvement and development of society, through the provision of higher education, research and services that contribute to the creation, development, dissemination and transfer of knowledge, promoting science and culture.

As a higher education institution, for IPS training is the main activity, offering a wide choice of training activities in different areas: Engineering, Technology, Education, Sports, Art, Communication, Business, Administration and Health Care. For IPS, research is considered a strategic factor to update the scientific knowledge transferred to students and to society, since regularly provides consulting, research and auditing services for the business community. A great effort is being made to increase IPS's critical mass, which will improve the scientific results. Simultaneously was created an office that fully support researchers in their activities, updating on R&D funds, proposals' submission, projects management and even the transfer of technology. IPS participates in several national and European projects, as a partner but also as a coordinator, with very interesting results.

https://www.ips.pt/ips_si/

Ayşe Güventürk

SESTEK

ABOUT

Sestek is a global technology company helping organizations with Conversational Solutions to be data-driven, increase efficiency and deliver better experiences for their customers.

Sestek's AI-powered solutions depend on text-to-speech, speech recognition, natural language processing, and voice biometrics technologies. Sestek helps organizations to ;

- Increase efficiency and performance
- Get insightful data to improve business flows and customer experience
- Run more secure and fraud-free operations

WHAT WE DO

- Conversational AI

We help companies use AI to automate customer processes, increase self-service rates and cut down operational costs

- Conversational Analytics

We analyze all customer-agent and customer-bot conversations to help companies understand the root cause behind customer issues.

- Conversational Biometrics

We benefit from the most trusted security feature; the human voice, to help companies provide faster and safer services to their customers.

<https://www.sestek.com/>



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OPPORTUNITIES

◆ Project Cooperation

SESTEK as Technology Provider

SESTEK is a global high-technology company helping brands with conversational AI and Analytics solutions, to be data-driven, work efficiently and deliver better experiences for their customers. Through commercial and R&D partnerships, SESTEK's AI-backed solutions relies on speech and natural language processing technologies. Today there are many world known ICT and Electronic brands' products are designed with Sestek technologies. SESTEK has a proven record of success with 35 funded R&D projects, including 1 H2020 ECSEL, 4 EUREKA, 1 Globalstars and 1 EUROSTARS.

SESTEK has developed, commercialized and patented its Conversational AI technology that covers conversational agents, assistants and chatbots that can detect intent for different domains and communicate with the user like a real person both vocal and written with its multilingual support for more than 20 languages. SESTEK's technology is based on 100% in-house developed core technologies such as speech recognition, text-to-speech, NLP and AI. SESTEK will specifically focus on any speech tech related task that may arise during the project and handle the necessary work. Some key modules we may bring are as follows:

Speech recognition (MediTalk for medical domain)

Text-to-speech

Conversational AI- Virtual assistant

Natural Language Processing (NLP) (Named entity recognition, intent detection etc)

Wake word detection

Type

Partner seeks Consortium/Coordinator

Cavidan Güzel Lokman Hekim University Project Manager

ABOUT

Lokman Hekim University started its academic activities in 2018-2019. Our university continues education and training with 2377 students in 11 undergraduate programs in 5 faculties, including the Faculty of Medicine, the Faculty of Dentistry, the Faculty of Pharmacy, the Faculty of Health Sciences, the Faculty of Sport Sciences and the Vocational School of Health Services, and 11 associate degree programs in 1 School. In addition, our Health Sciences Institute continues its education with 22 Master's with Thesis, 2 Master's without Thesis and 9 Doctorate Programs. There are 16 Application and Research Centers within our university's Application and Research Center.

Our university gave its first graduates on 12 August 2020 in the First and Emergency Aid Technician and Anesthesia Technician Programs within the Vocational School of Health Services.

Our university, as a pioneer institution in health education with a research-development-oriented corporate culture; We have a mission to raise individuals who have the competence to realize their potential all over the world, who know the information and technologies of the age, who produce in the light of scientific knowledge, who take initiatives to contribute to the local, regional and national economy, who consider and develop healthy life at the individual and social level, and who adhere to ethical values.

<https://www.lokmanhekim.edu.tr/rektorluge-bagli-birimler/dis-iliskiler-ofisi/personel-3/>



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Ana Halužan Vasle
Faculty of Computer and Information Science
researcher

ABOUT

The Faculty of Computer and Information Science of the University of Ljubljana is Slovenia's leading educational and research institution for computer and information science.

The Faculty's main function is educating undergraduate and graduate computer science experts of various profiles, as well as engaging in research work which generates new knowledge and uncovers solutions to contemporary problems. The Faculty also offers additional educational activities in computer and information science for several professional profiles by hosting lectures and workshops to increase the level of computer literacy in the country. Its public events also serve to popularise ideas about computers, especially among young people.

OPPORTUNITIES

◆ **Project Cooperation**

Transferable Integrative Data Modelling and Analytics for Healthy living and working in urban environment

Can we efficiently use existing open data sources to draw conclusions about the impact of environmental factors on the development and progression of a disease? The objective of the proposed project is to answer this question positively. We aim to quantify the links between urban environmental factors and disease development, with a particular focus on environmental pollution and non-communicable diseases (NCDs). We will explore the potential of open-source data for improving the overall quality of life and health of citizens and seek to maximise its applicability in this context. The application of open datasets collected by initiatives including citizen science within and across cities, regions and countries will make the presented approach highly transferable across different geographical locations and allow us to conduct comparative analyses between them. Furthermore, the use of such data will enable full automation of the analysis process, which will be implemented as a computational pipeline encompassing functions from data acquisition to pre-processing, integration and analysis. The pipeline will be provided in the form of a set of user-friendly applications, each tailored to its target audience.

TransIDA4Health is thus a highly innovative project that aims to provide users with user-friendly software solutions for analysing the environmental impact on NCDs and for planning urban interventions to reduce their occurrence and progression, thereby improving the overall quality of life in urban areas. The project aims to go beyond single case studies by pooling data from different geographical areas to draw general conclusions on quantifying associations and causalities between environmental factors and health and disease. This opens a wide range of applications also for policy makers and public health authorities who need to make evidence-based decisions to improve health outcomes in the regions concerned.

Finally, TransIDA4Health has the potential to have a major impact by not only providing users with a user-friendly, automated platforms for analysing health-related data, but also by promoting citizen insight, transparency in decision-making and increasing awareness of health issues and the role of environmental factors in the development of disease. By making data accessible and understandable to the public, TransIDA4Health can foster a more informed and engaged population, leading to better health outcomes for individuals and communities.

Type

Consortium/Coordinator seeks Partners

Jana Havlikova
Comenius University
Researcher

ABOUT

Comenius University Faculty of Pharmacy is providing education to future pharmacists and is



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carrying out research in various fields such as drug development, clinical pharmacy or therapeutic drug monitoring.

Our laboratory is located in Toxicology and Antidoping Centre, that is a part of the Faculty of Pharmacy. The work is focused primarily on development of analytical methods for quantitative analyses of various substances.

<https://www.fpharm.uniba.sk/en/>

OPPORTUNITIES

◆ Project Cooperation

Quantitative approaches for analysis of proteins and biopharmaceuticals in biological samples - advanced separation techniques coupled to mass spectrometry

Our laboratory is focused on development of analytical methods. Current projects include analyses of small molecule, predominantly drugs and analysis of proteins and protein-based drugs (biopharmaceuticals) in pharmaceutical and biological samples.

The laboratory is equipped with high efficiency separation techniques

- ◆ capillary electrophoresis - an electromigration method with high efficiency of separation, coupled to UV detection and mass spectrometry
- ◆ liquid chromatography (both HPLC and UHPLC) coupled to mass spectrometers
- ◆ there are two types of mass spectrometers present in the laboratory - triple quadrupole for quantification studies and qTOF for high resolution analyses

Type

Partner seeks Consortium/Coordinator

Merve Havlucu Galata Innovation Business Development Assistant

ABOUT

With the services we offer as Galata Innovation, we provide information to companies and research institutions about European Union funds, and support them with project development and management.

Our focus are collaboration programs of Horizon Europe (Clusters and EIC programmes) moreover we are interested in developing proposals for Eurostars/ Eureka and ERA-NET programmes as well.

<https://www.galatainnovation.com/>

Helena Henriques Universidade de Coimbra Scientific infrastructure manager

ABOUT

Technology Transfer Office (TTO) of the University of Coimbra (Portugal).

Through the transfer of a wide range of knowledge to the benefit of Society, the mission of UC Business is to transform UC into an essential partner to the business sector, carrying out joint projects with different business structures (start-ups, spin-offs, SMEs, large companies and associations), within the multiple areas of knowledge of the University of Coimbra.



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<https://www.uc.pt/ucbusiness/>

Jozef Herda

Asseco Central Europe, a.s.

Division Director

ABOUT

Asseco Central Europe (Asseco CE) is one of the strongest software houses in Central and Eastern Europe. It is active in Slovakia, the Czech Republic, Hungary, Germany, Austria and Switzerland. Other IT oriented companies are also a part of the Asseco Central Europe Group. The company belongs to the leading providers of comprehensive IT solutions and services. It implements demanding projects for commercial sector, as well as for public sector and central and local governments. Asseco CE has longterm experience with extensive projects with strong emphasis on supporting the strategic goals of its customers.

The company's history goes back to 1990, when ASSET company was established. In 1999, its software division unbundled and a new enterprise ASSET Soft was founded. Later on, it entered into a strategic partnership with Comp Rzeszów and, thereby, the fundamentals of the future international group Asseco were laid. In October 2006, the company (already under Asseco Slovakia brand) was listed on the Warsaw Stock Exchange, thus becoming the first Slovak company to be directly quoted on a foreign stock exchange. In 2007, the company entered the Czech market through the PVT acquisition. Two years later Asseco Czech Republic and Asseco Slovakia integrated and, thereby, Asseco CE group was established. The entire Asseco CE group currently employs more than 3,000 people.

<https://ce.asseco.com/en/>

Abolfazl Heydari

Polymer Institute of the Slovak Academy of Sciences

ABOUT

The Polymer laboratory established by Dr. Milan Lazar at the end of 1962 created the conditions for founding the Polymer Institute in 1967. The Institute initiated the focused research in polymer chemistry as a part of the chemical research at the Slovak Academy of Sciences. Currently, Polymer Institute SAS represents an important research and training center for basic and applied research in the contemporary topics of polymer chemistry. The Institute activities cover four areas: synthesis and characterization, composite polymeric materials, polymeric biomaterials and molecular simulation of polymers.

As a result of the PISAS accreditation for years 2016 - 2021, the international accreditation panel of experts evaluated the Institute with the highest rating A characterized as "The research is internationally leading within the European context. The Institute has demonstrated important contributions to the field."

<https://www.polymer.sav.sk/>

OPPORTUNITIES

◆ Project Cooperation

Polysaccharides and cyclodextrin derivatives: from synthesis to applications

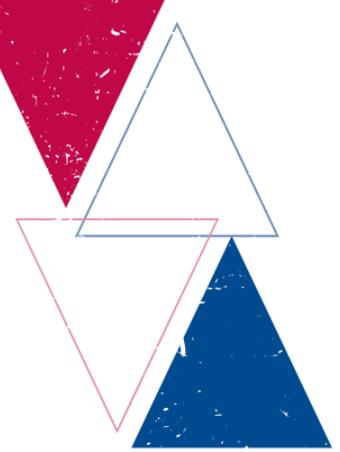
We are experts in the field of biomaterial research with a focus on carbohydrate, bioorthogonal, and supramolecular chemistry. Currently, we focused on the modification of polysaccharides and cyclodextrins in a reproducible way and also the preparation and characterization of self-healable hydrogels using covalent and non-covalent click chemistry based on modified carbohydrates under physiological conditions.



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Our group is capable of:

- ◆ Synthesizing and characterizing various polysaccharides and proteins derivatives by introducing permanent ionic charges and clickable moieties on the backbone of polymers. These derivatives will be used in the designing of biomaterials for cell encapsulation and drug delivery systems.
- ◆ Synthesizing various cyclodextrin polymers.
- ◆ Designing polymeric implantable devices stabilized by dual crosslinking using the non-covalent (host-guest interactions) and irreversible/reversible covalent bonds.
- ◆ Preparing the dynamic bioinks for 3D bioprinting of cell-laden constructs.



Type

Partner seeks Consortium/Coordinator

Daniel Hillier

Research Centre for Natural Sciences

Group leader

ABOUT

Our institute has expertise for sensory and behavioral neuroscience including rodent and large-animal preclinical models, ADHD using EEG electrophysiology, ECoG arrays and electrical brain-machine interface. We develop optogenetic toolset and AAV gene therapy vectors. We have running projects on vision restoration, audition, retina electrophysiology and ADHD.

🔗 <https://www.hillierlab.com/>

OPPORTUNITIES

- ◆ Project Cooperation

Translational neuroscience via large-animal model

We develop optogenetic brain-machine interface as new technology to treat sensory disorders. We maintain a translational pipeline in order to model neural function closer to that of the human brain. We deploy readout (two-photon, wide-field calcium imaging, functional ultrasound, MRI, multielectrode array) and stimulation methods (optogenetics, chemogenetics) with new AAV vectors. We evaluate host immune response using a new, high-sensitivity cell-based assay. We conduct human EEG and retinal electrophysiology as readout in normal and developmental conditions (ADHD, amblyopia).

Type

Partner seeks Consortium/Coordinator

Dilem Hizlan

Galata Innovation

CEO

ABOUT

With the services we offer as Galata Innovation, we provide information to companies and research institutions about European Union funds, and support them with project development and management.



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Our focus are collaboration programs of Horizon Europe (Clusters and EIC programmes) moreover we are interested in developing proposals for Eurostars/ Eureka and ERA-NET programmes as well.

<https://www.galatainnovation.com/en>

OPPORTUNITIES

◆ Project Cooperation

Collaboration in EU projects

We are working on establishing consortia and project development for EU grants, Horizon Europe, Eureka, ERANET programs. We are especially interested in calls related to Digital Health topics and can support consortia with finding partners from Turkey for required roles & expertises.

Moreover as Galata Innovation we can take support the consortia in proposal writing stages and can be responsible of Project Management, Dissemination & Exploitation work packages of projects.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

◆ Project Cooperation

Looking for partners for the HORIZON-HLTH-2024-STAYHLTH-01-05-two-stage call

We are looking for partners/ coordinator for the call "HORIZON-HLTH-2024-STAYHLTH-01-05-two-stage: Personalised prevention of non- communicable diseases - addressing areas of unmet needs using multiple data sources". We can support the proposal by:

- ◆ Developing the healthcare platform
- ◆ Conduct pilot applications in Turkey
- ◆ Data analytics, AI models,
- ◆ Technical design / architecture design
- ◆ UX/UI design (compatible with healthcare practices)
- ◆ Web and mobile application development and develops pipeline management
- ◆ Test automation
- ◆ Integration orchestration (healthcare interoperability standards, data dictionaries, API and SDK definitions)
- ◆ IoT and IOMT device integration, data collection and analysis
- ◆ GDPR compliance

Would be interested to discuss with interesstes partied who can contribute to this topic.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

Martin Holly
CEIID
VP

ABOUT

The aim of the Central European Institute of Information and Development (CEIID) is to promote activities related to the digitalisation of society, in particular education, science and research on digital transformation and the transition to a greener economy, cultural aspects, ITC and information



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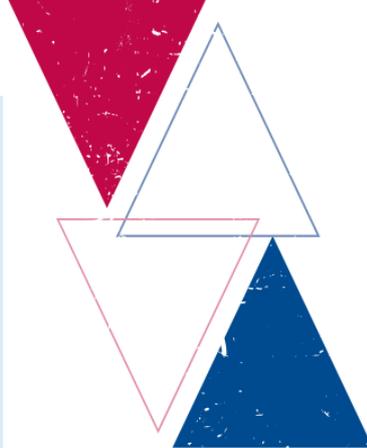
technology, information on green technologies as such, environmental development in the context of technology, support for young people and adults in the field of digital transformation and transition programmes, organisation of cultural, information and educational activities in the field of digital transformation and education for different age groups.

We also run collaborations with other entities involved in the areas of IT development of the public - its ability to acquire digital skills, awareness and continuous education.

One of our key areas of focus is agro-ICT and digital transformation programs that focus on research and adoption of new technologies and innovative solutions. In the process, we promote the latest tools in AI and ML, and support education along these lines.

We also aim to promote the cultural aspects of digital transformation, raise awareness of the importance of green technologies, and contribute to environmental sustainability in the context of modern technologies.

 <http://www.ceiid.online/>



Krisztián Horváth

Innovation Project Coordinator at GE Healthcare

ABOUT

GE HealthCare is a leading global medical technology, pharmaceutical diagnostics, and digital solutions innovator, dedicated to providing integrated solutions, services, and data analytics to make hospitals more efficient, clinicians more effective, therapies more precise, and patients healthier and happier. Serving patients and providers for more than 100 years, GE HealthCare is advancing personalized, connected, and compassionate care, while simplifying the patient's journey across the care pathway. Together our Imaging, Ultrasound, Patient Care Solutions, and Pharmaceutical Diagnostics businesses help improve patient care from prevention and screening, to diagnosis, treatment, therapy, and monitoring. We are an \$18 billion business with 51,000 employees working to create a world where healthcare has no limits.

OPPORTUNITIES

- ◆ Project Cooperation

Delivery of multi-modal Theranostics solutions

Novel targeted treatment solutions, combining internal or external radiation sources with other cancer treatment modalities have shown substantial promise and a growing number of such therapies are being evaluated in clinical trials. However, access to these promising therapies remains heterogenous and fragmented, in part due to technological and manufacturing limitations to produce appropriate radiation. Our aim is to develop novel imaging and dosimetric solutions to guide patient selection, and developing novel biomarkers to monitor response and improve clinical benefit. Explore the pathway from radionucleotide production to clinical use.

Anca Iftene

BioNanoTech Projects Support Centre / "Petru Poni" Institute of Macromolecular Chemistry

Librarian

ABOUT

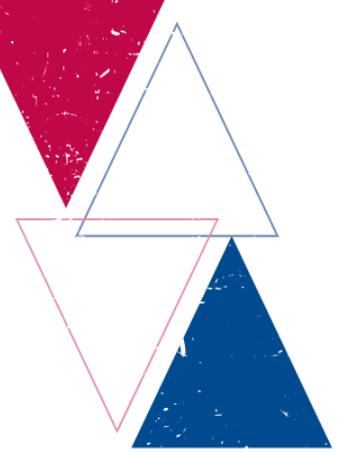
The aim of the BioNanoTech Project Support Centre is to promote the European Cooperation in Horizon 2020/Europe projects for Romanian key actors in the field of material science: Eco-nanotechnologies and advanced materials (including nanomaterials, nanomedicine etc.).



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This is one of the main issues to be tackled by the Romanian Smart Specialisation Strategy in the next programming period and it is addressed at both regional and national levels. The BioNanoTech also comes as a direct response to the need of an improved collaboration in the field of research, one of the targets of the Horizon Europe program. Cooperation is built on excellence, a solid collaboration network and on the ability of institutions to mould their profile based on the scientific trends and opportunities offered. Using the experience of one of the best research institutes in Romania - "Petru Poni" Institute of Macromolecular Chemistry, we offer services and consultancy for setting up consortiums and partner search support, consultancy concerning proposal writing and also in project management for research projects.

<https://www.bionanotech.ro/>



Veselin Iliev Alzheimer Bulgaria

ABOUT

The Alzheimer Bulgaria Association is a member of Alzheimer Europe and Eurocarers. We share the best European practices for supporting families with Alzheimer's and dementia.

Our main objective is to make society aware of the importance of Alzheimer's and other dementia problems. Caring for people with Alzheimer's or other dementia diseases and their families is an important step towards a society based on the principles of equality, tolerance and mutual assistance.

We would like to improve the quality of life of the ill people and their families and relatives through prophylactics, tackling diseases and reducing disease burden. We are looking for innovative, sustainable and high-quality health care solutions, new technologies and digital solutions.

Our website provides useful information and many practical advises on the most important topics related to these diseases.

<https://alzheimer-bg.org/en/>

OPPORTUNITIES

◆ Project Cooperation

Wish to join consortium dealing with Alzheimer and other dementia

Dementia and some other neurodegenerative diseases are not only medical, but social burden. We are looking for applicants with proposals dealing with prevention, innovative healthcare solutions, improving quality of life of ill persons and reducing burden for their caregivers, application of AI and other digital solutions. Games for cognitive activities for persons with dementia.

Type

Partner seeks Consortium/Coordinator

Ceren İskefiyeli Republic of Türkiye Ministry of Health / General Directorate of Health Information Systems Project Assistant

ABOUT

Türkiye Ministry of Health is a central government institution that carries out all activities related to health, including promotion of health, health informatics, and medical research.



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The Ministry of Health, which provides comprehensive healthcare services nationwide through an extensive network of healthcare facilities, has more than 2,000 hospitals and over 8,000 health centers affiliated with it. This enables rapid and easy management of national and international projects' pilot implementations in designated healthcare facilities. Additionally, the Ministry has achieved notable success on a global scale with its qualified human resources and advanced health informatics infrastructure.

In particular, the Ministry of Health, General Directorate of Health Information Systems has developed three significant projects (e-Nabız, HSYS, MHRS) for the digitalization of health services in recent years by utilising technology and data to give better healthcare results and efficient resource allocation.

e-Nabız is a patient-centered PHR/EHR solution that gives users access to and management of their own personal health information. Patients can simply take advantage of services like scheduling appointments and renewing medications while also having secure access to their medical records, including diagnoses, emergency information, and test results. Also, e-Nabız system simultaneously provides services to doctors and health professionals by assuring the continuity of medical care.

Additionally, the E-Nabız system, which offers users personalised health recommendations, encourages the proactive participation of patients in the care process and establishes preventive care.

HSYS (Public Health Management System) is a comprehensive digital platform that enables efficient management of all patient information from a single point. More than 40 public health and preventive health modules are included in HSYS, including cancer screening, vaccination delivery, laboratory information management, and filiation. The "Epidemic Detection and Management System" that was implemented into HSYS as of March 2020 played an essential function in the investigation and management of the coronavirus outbreak.

MHRS (Central Physician Appointment System) revolutionizes patient bookings with medical professionals. It minimizes waiting times by providing a digital, centralized appointment management system. Patients can easily find providers, select convenient times, and book appointments via the MHRS website or mobile apps.

General Directorate of Health Information Systems has undertaken the task of coordinator in two awarded Horizon 2020 health projects:

ProEmpower: A Pre-Commercial Procurement (PCP) project which aims to procure innovative ICT solutions for patient empowerment and self-management of diabetes mellitus. The project involves multiple procurers from different regions, focusing on improving diabetes care and management.

HSMonitor: HSMonitor is a PCP project which aims to provide better health and care activities for hypertension patients, focusing on early diagnosis, prevention, and long-term management of the disease through personalised mobile health solution.

Furthermore, the General Directorate of Health Information Systems has taken part in the following Horizon projects as a partner:

Stamina: A Horizon 2020 project aiming to develop an intelligent decision support toolset for predicting and managing pandemics. It enhances national and international efforts in pandemic planning and response, increasing health security.

Procure4Health: It promotes innovation procurement through knowledge sharing, capacity building, and networking. It focuses on identifying common needs and launching joint actions to improve procurement of innovative healthcare products and services.

InCareHeart: A PCP project aiming to improve the quality of care for patients with heart disease by developing an integrated system for diagnosis and treatment, with a focus on reducing mortality rates associated with heart disease.

In addition to these projects, the General Directorate of Health Information Systems has played a vital role in the implementation and advancement of other digital initiatives within the Türkiye healthcare system such as e-Rapor, SİNA, EKİP, HES, AŞILA.

The General Directorate of Health Information Systems demonstrates their dedication to leveraging technology and data-driven approaches to enhance healthcare delivery, improve patient outcomes, and foster innovation in the healthcare sector through their digital initiatives and participation in Horizon projects. These initiatives help the healthcare system of Türkiye continue its current digital transformation while guaranteeing effective and patient-centered care for all.



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OPPORTUNITIES

◆ Project Cooperation

Strong Partnerships in Digital Health

As the General Directorate of Health Information Systems of the Ministry of Health, we have been at the forefront of healthcare transformation and digitalization, initiating numerous national and international projects. Thus far, we have taken on coordination and/or partnership roles in five significant Horizon projects. Leveraging our expertise in e-health and the healthcare ecosystem serving the entire country, we aim to participate in strategic partnerships that will propel us forward in the field of digital health.

Interested Topics: Holistic e-health solutions (early detection, treatment, and preventive care), pandemic preparedness in Europe, remote access to medical and care services.

Type

Partner seeks Consortium/Coordinator

Ewa Jablonska Nofer Institute of Occupational Medicine

ABOUT

DEPARTMENT OF TRANSLATIONAL RESEARCH:

- we are focused on molecular biomarkers of exposure, effects, and individual genetic susceptibility, using medium and large-scale analyses in epidemiological and experimental (in vitro) studies
- we are specialized in transcriptomics, epigenetics (DNA methylation), DNA genotyping, telomere length, and mitochondrial DNA copy number analyses
- broad experience in molecular epidemiology research projects and experimental studies (in vitro laboratory)
- strict cooperation with the biomonitoring laboratory from our Institute (exposure to chemicals and carcinogens) and clinical hospitals (material from cancer patients)
- our main research interests: cancer studies, environmental health
- we are also interested in Covid-19 studies (we offer ready SNP genotyping tests for Covid-19 susceptibility)

We are part of the NOFER INSTITUTE OF OCCUPATIONAL MEDICINE:

- * highly specialized and multidisciplinary scientific research unit
- * deals with the issues of broadly understood, occupational and environmental health
- * the only Polish institute specialized in the area of workers' health
- * our mission: to provide the best possible practical systemic solutions that improve conditions of life and work
- * accreditation (Polish Centre for Accreditation), GLP, GMP
- * broad experience in the coordination and implementation of international and European projects

ACTIVITIES:

- postgraduate training of medical professionals, particularly of physicians in occupational medicine
- occupational diseases registration
- programs for health promotion at workplace
- epidemiological studies: occupational diseases and chronic diseases (mainly cancer)



- risk assessment: occupational exposure to chemical, physical and biological factors (materials and technological processes)
- biological monitoring and assessment of occupational and environmental exposure to chemical agents
- basic science: toxicology (in vitro, in vivo studies), molecular biology (biomarkers of cancer and chronic diseases, molecular (genetic, epigenetic) markers of exposure, effect and individual susceptibility)

SERVICES:

- laboratory studies: biomarkers of exposure, effect, and susceptibility (molecular biology and epigenetics)
- in vitro studies (toxicology)
- epidemiological studies (experience in conducting extensive studies at the population level)

OPPORTUNITIES

◆ Project Cooperation

COHORT STUDIES in personalized prevention of noncommunicable diseases

Our lab (Dept. of Translational Research), as a part of multidisciplinary research Institute, is interested in projects based on cohort studies in the area of noncommunicable diseases.

We are able to conduct a prospective study among healthy individuals from the center of Poland, collect and store biological samples in our biobank, and conduct laboratory analyses using modern molecular biology methods (biomarkers of genetic susceptibility and biomarkers of effect covering genetic, epigenetic and epitranscriptomic alterations).

We have also biobank collections of samples from breast cancer and bladder cancer patients.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

COHORT studies in pandemic preparedness projects

Our lab (Dept. of Translational Research), as a part of multidisciplinary research Institute, is interested in projects based on cohort studies in the area of COVID-19 and pandemic studies. We are able to conduct a prospective study among healthy individuals from the center of Poland, collect and store biological samples in our biobank, and conduct laboratory analyses using modern molecular biology methods (biomarkers of genetic susceptibility and biomarkers of effect&exposure covering genetic, epigenetic and epitranscriptomic alterations). We offer targeted SNP genotyping services on a large scale.

Type

Partner seeks Consortium/Coordinator

Dorota Jakubczyk
Institute of Bioorganic Chemistry Polish Academy of Sciences
Head of the lab

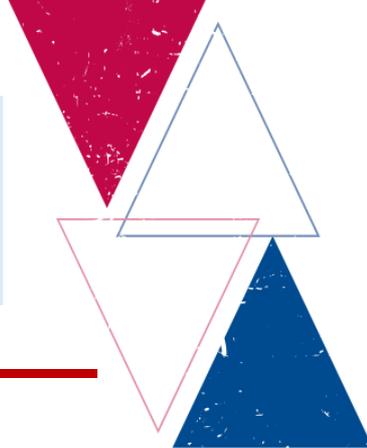
ABOUT

The Institute of Bioorganic Chemistry, Polish Academy of Sciences is one of the leading scientific units in Poland. Its exceptionality across Europe and even the whole world is proven by multi-faceted activities at the interface of three sciences: chemistry, biology and informatics.



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It is a place where interdisciplinary studies encompassing such fields as bioorganic chemistry, biochemistry, molecular biology, systems biology, synthetic biology and bioinformatics are conducted; and in particular - research on the synthesis, structure and function of nucleic acids, and proteins along with their components, as well as their mutual interactions in model and cellular conditions.



Ana Jegundo

IPN - Instituto Pedro Nunes

ABOUT

IPN aims to promote innovation and technology transfer, establishing the link between the scientific and technological environment and the market. Created by initiative of the University of Coimbra in 1991, it develops its activities on three main areas: (1) Applied RTD and specialized services through its 6 laboratories (materials, automation, information technology, geotechnics, electroanalysis and corrosion, and phytopathology) ;(2) Incubation and acceleration of technology-based companies; (3) Specialized training.

With about 120 employees, IPN participates in over 60 of national and international R+I projects every year, with more than 300 clients in its portfolio. IPN configures an integrated model that acts in all phases of the cycle of knowledge transfer and entrepreneurship qualification, generating synergies and enhancing complementarities in the areas of specialized training, going through RTD, the valorisation of the generated knowledge and culminating in the incubation and acceleration of companies. IPN also have a Valorisation of Knowledge and Innovation Department that undertakes innovation activities, supporting the development of new products and technological brokerage initiatives. It promotes and supports Intellectual Property issues. Also, IPN hosts the ESA BIC Portugal, one of the incubation centres of the European Space Agency (ESA) at the European level, boosting support for start-ups employing space technologies in non-space industrial and commercial uses.

 <http://www.ipn.pt/>

Tanel Järvet

CAFA robotics at CAFA Tech OU

Managing Director

ABOUT

CAFA Tech is Estonian robotics company which develops

1. Ultra-wideband (UWB) sensors which have several applications in the medical field, thanks to their ability to capture high-resolution data in real time.

a. Vital Signs Monitoring.

UWB sensors can be used for non-contact monitoring of vital signs such as heart rate and respiratory rate. This is particularly useful in situations where continuous monitoring is required but physical contact with the patient may be undesirable, such as with infants in neonatal intensive care units or patients with severe burns.

b. Medical Imaging

UWB radar can be used to create detailed images of the body's interior, which can be useful in detecting tumors or other abnormalities. The advantage of UWB imaging is that it does not expose the patient to ionizing radiation, unlike traditional imaging techniques like X-ray or CT scan.

c. Fall Detection

The high-resolution data captured by these sensors can distinguish between normal movements and a fall, triggering an alert to caregivers when a fall is detected. This application has potential to improve patient safety in both hospital and home care settings.



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2. To process data from UWB and other sensors, CAFA Tech has developed the AI Training Centre (AI-TC) technology, which allows training the AI of sensors with anonymized data. AI-TC has a synthetic data generation module that enables the preparation of synthetic health data with parameters set by the supervisor. The basic technology of the AI Training Centre has been developed in previous EU projects. (2019-2023).

<https://www.cafatech.com/>

OPPORTUNITIES

◆ Project Cooperation

UWB sensors to take Medical Imaging and Patient Monitoring to a new level

CAFA Tech is ready to contribute to the Health projects with UWB sensors technology.

Ultra-Wideband (UWB) sensors have potential applications in the field of medicine due to their unique properties, including their high precision, low power consumption, and ability to penetrate through objects.:

a. Patient Monitoring: UWB sensors can be used to monitor the vital signs of patients. By emitting low-power radio signals, these sensors can detect minute changes in a patient's body, including heart rate and respiration. This non-contact monitoring can be particularly useful in neonatal care where traditional monitoring systems may be too invasive.

b. Medical Imaging: UWB sensors have potential applications in medical imaging. UWB radar can be used to create detailed images of the body's interior, which can be useful in detecting tumors or other abnormalities. The advantage of UWB imaging is that it does not expose the patient to ionizing radiation, unlike traditional imaging techniques like X-ray or CT scan.

c. Fall Detection and Patient Movement: UWB can be used to track the movement of patients in a hospital or care home environment. This can help in fall detection for elderly patients and in ensuring that patients are moving about as expected within the facility. The high precision of UWB allows for accurate tracking of movement and location within a building.

Type

Partner seeks Consortium/Coordinator

Baki Karaböce
TÜBİTAK UME
Assoc.Prof.Dr.

OPPORTUNITIES

◆ Project Cooperation

Reducing virus (and bacteria) spread with infrared techniques

It is known that the lethal effect of sunlight on viruses and artificial UV light inactivate the virus in a short time. Although the antiviral effect of sunlight is at its highest level in summer, it decreases in spring and reaches the lowest level in winter. In addition, due to the day and night cycle, the effects of the sun (peaking at noon) can only be used during the day. In addition, sunlight can not reach closed areas (home, work, school and similar places) during the day. Artificial UV light can only be used for disinfection in empty indoor environments, for example, in operating rooms, between cases or in empty patient rooms 1 or 2 times a day.

A virus inactivation effect that IR rays have directly, UV rays have is unknown. Controlling the ambient temperature and relative humidity can inactivate the virus by reducing the transmission pathway (number and nature of droplets and aerosols) and directly by temperature. It is not difficult to guess that these effects will not be as effective as UV rays, as they have not been studied until now. However, it does not depend on the seasons such as sunlight, day and night cycle, daytime cycle and use in closed areas; Unlike artificial UV light, IR rays come to the fore with the ability to be used in all indoor and outdoor areas where people are present. As a result;



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With IR rays, it is possible to install systems that can be used in closed areas without restricting any activity of people for four seasons and 24/7. Even if the virus inactivation efficiency is low compared to UV rays, its cumulative effect will be much higher when evaluated together with the time multiplier.

Considering that the development of community immunity is the most important point in ending the epidemic when the vaccine cannot be developed and administered widely; It is anticipated that the virus inactivation effect, which is expected to be lower than the UV rays, will be an advantage in terms of public health and epidemiology.

Drops ranging from 10 microns to several millimeters, scattered by sneezing and coughing, can spread up to 6 meters away and settle in the air for hours and settle on the floor and other surfaces (table tops, door handles, etc.). On the other hand, aerosols of <5 micron size that can scatter even while breathing can hang in the air for days. The distribution and circulation of aerosols suspended in the air in closed areas has not been revealed yet.

As a general rule of physics, the intensity of the beam is inversely proportional to the square of the distance to the beam source. Therefore; IR beam sources to be positioned on the ceilings of the closed areas will increase the effectiveness of the aerosols above the level of living surfaces by increasing much higher temperatures.

A virus inactivation effect that IR rays have directly, UV rays have is unknown. Controlling the ambient temperature and relative humidity can inactivate the virus by reducing the transmission pathway (number and nature of droplets and aerosols) and directly by temperature. Unlike artificial UV light, IR rays come to the fore with the ability to be used in all indoor and outdoor areas where people are present. It is well known that viruses can't survive without a host like water or body ...in fomide.

In this proect, effectiveness of IR radiation on droplet/aeresol As a result; With IR rays, it is possible to install systems that can be used in closed areas without restricting any activity of people for four seasons and 24/7. Even if the virus inactivation efficiency is low compared to UV rays, its cumulative effect will be much higher when evaluated together with the time multiplier.

Type

Partner seeks Consortium/Coordinator
Consortium/Coordinator seeks Partners

Hamza Umut Karakurt Idea Technology Solutions

ABOUT

In the Bioinformatics area, we have been working to develop end-to-end innovative solutions, with an aim to significantly increase the number of diagnoses for rare diseases, at an unprecedented speed from DNA sample collection to diagnosis. For this, our solutions are powered by a cutting-edge proprietary technology for the transfer, storage and analysis of genomic data and we provide an ultimate user experience. We have a team of computational biologists and computer engineers that are working to develop new solutions according to customer needs and we constantly consult with medical genetics practitioners. Our customer portfolio is growing constantly, we work with companies from Europe, Asia and the Persian Gulf. We have two companies for bioinformatics solutions, one Turkey based, the other Boston based. We are an R&D performing SME. We work to develop tools that use AI for developing advanced diagnostic tools. In 2014, Idea Teknoloji received R&D Center Certificate, given to the R&D performing private companies, by the Ministry of Science, Industry and Technology. Since then we have successfully conducted over 20 R&D&i projects, with collaborations from top-tier universities, companies, government offices and hospitals.

<https://www.ideateknoloji.com.tr/>

OPPORTUNITIES

- ◆ Project Cooperation

Analysis, Integration and Interpretation of Genomics and Transcriptomics Data with Statistical Methods, Machine Learning and Designing Tools and Platforms



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We are interested in taking part in projects where we can use our skills for analyzing data and software development, either as a use case owner or research partner. We have a team of molecular biologists and computer engineers that are working to develop new solutions according to customer needs and we constantly consult with medical genetics practitioners. Our customer portfolio is growing constantly, we work with companies from Europe, Asia and the Persian Gulf. We have two companies for bioinformatics solutions, one Turkey based, the other Boston based. We are an R&D performing SME. We work to develop tools that use AI for developing advanced diagnostic tools. In 2014, Idea Teknoloji received R&D Center Certificate, given to the R&D performing private companies, by the Ministry of Science, Industry and Technology. Since then we have successfully conducted over 20 R&D&i projects, with collaborations from top-tier universities, companies, government offices and hospitals.

Type

Partner seeks Consortium/Coordinator

Maria Karampela

UniSystems S.M.S.A.

Senior Research Consultant - Innovation Funding & Ecosystem Development

ABOUT

iQnovus Innovation Center runs the Research and Innovation activities for the following companies: ACS (logistics/courier services), Info Quest Technologies (ICT & cloud services), Quest Energy (energy company with solar parks), BriQ (real-estate company managing primarily commercial buildings), Cardlink (payments/fintech), and UniSystems. UniSystems is a leading ICT company and systems integrator and a long-standing strategic partner to EU institutions, agencies and public organizations, with a proven track record of successful large scale, complex and critical ICT projects in more than 30 countries through its business entities in Athens, Brussels, Bucharest, Luxembourg, and Milan.

The Innovation Center has a strong portfolio of EU funding proposals submissions in various domains, incl. energy, mobility, culture & education, health, security, e-gov, smart cities, etc., and has been successfully awarded more than 30 projects across different EU funding programmes (e.g. Horizon Europe, Digital Europe, Creative Europe, etc.). The Center has adopted an open innovation approach and works very collaboratively with various academic/research institutes, other companies, start-ups and non-profits across Europe in submitting joint proposals in various EU funding programmes. We also participate in numerous collaborative structures, incl. clusters, competence centers and digital innovation hubs, and have established the Pleiades IoT cluster. Uni Systems has also developed a smart city platform, City4Life and has a large network of municipalities around Greece.

 <https://www.unisystems.gr/>

OPPORTUNITIES

◆ Project Cooperation

Systems integrator with substantial experience in healthcare sector

iQnovus Innovation Center runs the Research and Innovation activities for the following companies: ACS (logistics/courier services), Info Quest Technologies (ICT & cloud services), Quest Energy (energy company with solar parks), BriQ (real-estate company managing primarily commercial buildings), Cardlink (payments/fintech), and UniSystems. UniSystems is a leading ICT company and systems integrator and a long-standing strategic partner to EU institutions, agencies and public organizations, with a proven track record of successful large scale, complex and critical ICT projects in more than 30 countries through its business entities in Athens, Brussels, Bucharest, Luxembourg, and Milan.

The Innovation Center has a strong portfolio of EU funding proposals submissions in various domains, incl. energy, mobility, culture & education, health, security, e-gov, smart cities, etc., and has been successfully awarded more than 30 projects across different EU funding programmes (e.g. Horizon Europe, Digital Europe, Creative Europe, etc.).

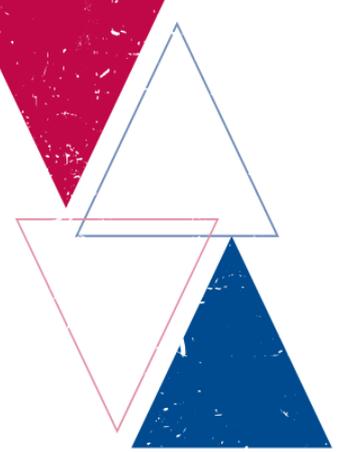


HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

The Center has adopted an open innovation approach and works very collaboratively with various academic/research institutes, other companies, start-ups and non-profits across Europe in submitting joint proposals in various EU funding programmes. We also participate in numerous collaborative structures, incl. clusters, competence centers and digital innovation hubs, and have established the Pleiades IoT cluster. Uni Systems has also developed a smart city platform, City4Life and has a large network of municipalities around Greece.

Type

Partner seeks Consortium/Coordinator



Gianna Karanasiou

WINGS ICT SOLUTIONS

Research Engineer

ABOUT

WINGS ICT Solutions provides complete integrated, intelligent digital (software, hardware) solutions and transformation for vertical business sectors; Environment (air quality, natural disasters), Utilities and Infrastructures (energy/water/gas, transportation, construction), Production & Manufacturing (food, factories/logistics), Service Sectors (health, education/culture, government, security/defense), as well as Smart Cities.

Özge Karaçay

Galata Innovation

ABOUT

With the services we offer as Galata Innovation, we provide information to companies and research institutions about European Union funds, and support them in matching with funding opportunities in line with their R&D and innovation priorities and goals.

We stand by our customers at every stage of the process, with our support in establishing international partnerships, creating the project setup, project writing, and in administrative and financial issues.

 <https://www.galatainnovation.com/en>

Pania Karnaki

Prolepsis Institute

Director of European and International projects

ABOUT

The Institute of Preventive Medicine, Environmental and Occupational Health Prolepsis is a nongovernmental organization, active in the field of medical research, health promotion, environmental and occupational health since 1990.

We strongly support the belief that health is a fundamental, nonnegotiable and inalienable right for every human being.

Our vision is a society that maintains and promotes physical and mental health and prosperity equally and justly for all people, especially the most vulnerable, while respecting human freedom and protects our planet for future generations.



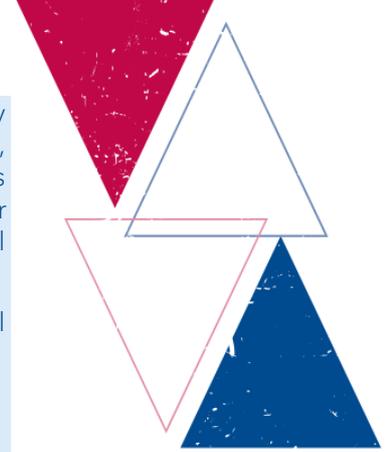
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Our mission is to respond to major public health needs of Greece and Europe, by conducting rigorous academic research and translating it into action through education, advocacy and direct service. We promote health and health equity for all Europeans. This mission is rooted in the belief that health equality is a necessary pre-requisite for broader social justice. We are committed to equality, social inclusion and respect for individual differences and choices.

Prolepsis has participated as a coordinator or partner in more than 90 EU and national projects.

<https://www.prolepsis.gr/>



OPPORTUNITIES

◆ Project Cooperation

public health, health promotion, health inequalities, epidemiology, prevention, health, vulnerable groups

Prolepsis Institute has proven expertise in the wider areas of public health and public health research using qualitative and quantitative methodologies. Experience in designing, implementing and evaluating health promotion interventions on most public health issues and proven expertise in the study of health inequalities. Prolepsis implements projects in schools, Roma settlements, in rural and urban environments, among elderly people, with migrants and refugees and with women and children from vulnerable populations. We work on projects aiming to improve access to health care services, projects aiming at improving occupational health and safety and activities on the prevention of Non Communicable Diseases. The effect of the environment on health and the use of new technologies are also among the organization's main interests.

Type

Partner seeks Consortium/Coordinator

Andrii Karpenko

Zaporizhzhia Cluster "Engineering-Automation-Machinery"

CEO

ABOUT

We coordinate our actions according to a common system of values to solve important industry challenges together. The cluster contributes to the growth of the economic potential of the city of Zaporizhzhia and the region.

<https://www.iamcluster.zp.ua/>

Angelos Kassianos

Cyprus University of Technology

Lecturer in Health Psychology

ABOUT

The design of all Departments is based on four key objectives:

High scientific, technical and professional competence in students' education.

High-quality research that will be able to transcend the traditional boundaries between basic and applied research in order to provide solutions to major social and economic problems and to allow Cyprus to remain an important partner in the modern European division of the resources allocated to research.



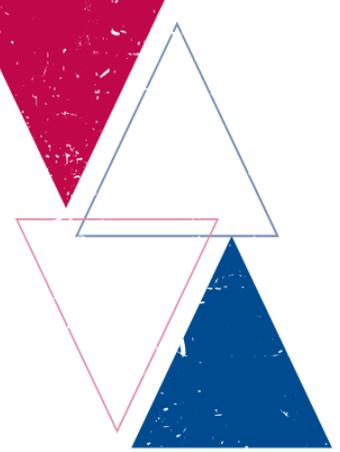
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Interdisciplinary orientation both in curriculum design and in the staffing of the Departments , so that the University can enter the field from the outset and remain at the forefront of scientific, educational and social developments both locally and internationally.

Collaboration with local industry and economy to help drive innovation and continuous improvement of products and services.

We have established a Behavioural Health research lab within the School of Health Sciences which offers expertise in behavioural and social sciences within the health spectrum

 <https://www.cut.ac.cy/>



OPPORTUNITIES

◆ Project Cooperation

Health behaviour change

One of the strong focus of our research group is to better understand the mechanisms of health behaviour change and develop theoretically-informed and evidence based interventions.

Health behaviours we study include:

- ◆ Vaccination
- ◆ Breastfeeding
- ◆ Physical activity
- ◆ Smoking

As such, we have a strong track record of grants and publications in cancer (and chronic conditions) prevention and early diagnosis.

We are interested in discussing with consortiums or partners that seek expertise in the areas of health behavior change, health psychology or intervention development (including digital health).

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Digital Health Tools/Interventions

We have a strong track record of developing and evaluating digital tools that can be used in applied health research and healthcare. For example we have developed

- ◆ An evidence-based digital tool helping patients adhere to their prescribed medication which at the same time measures medication non-adherence - see: <https://www.stay-on-track.3ahealth.com/>
- ◆ A novel tool measuring patient reported outcome measures and behaviours in real time - see: https://www.youtube.com/watch?v=PGx-_750qCY

We are very eager to find partners that wish to either use one of our tools to measure health behaviors and quality of life in real time or develop new approaches and tools based on health psychology theoretical frameworks

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Post-pandemic health

During the pandemic we have conducted one of the largest studies (>10.000 participants) worldwide (COVID-19 IMPACT study) studying the psychological and behavioral aspects of the pandemic. We have published extensively on this topic including protective behaviours, psychological health and vaccination hesitancy.



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See for example:

Rus, C.L., Otoi, C., Baban, A.S., Vajaeen C., Kassianos, A.P., Karekla, M., Gloster, A.T. (2022). Working as a healthcare professional and well-being during the COVID-19 pandemic: Work recovery experiences and need for recovery as mediators. *Frontiers in Psychology*. 13:718422. doi:10.3389/fpsyg.2022.718422

Haller, E., Lubenko, J., Presti, G., Squatrito, V., Constantinou, M., Nicolaou, C., Papacostas, S., Aydin, G., Chong, Y.Y., Chien, W.T., Cheng, H.Y., Ruiz, F.J., García Martín, M.B., Obando Posada, D.P., Segura-Vargas, M.A., Vasiliou, V.S., McHugh, L., Höfer, S., Baban, A., Neto, D.D., da Silva, A.N., Monestès, J-L., Alvarez-Galvez, J., Paez-Blarrina, M., Montesinos, F., Valdivia-Salas, S., Ori, D., Kleszcz, B., Lappalainen, R., Ivanović, I., Gosar, D., Dionne, F., Merwin, R.M., Karekla, M.*, Kassianos, A.P.*, Gloster, A.T.* (2022). To help or not to help? Prosocial behavior, predictors thereof, and well-being during the COVID-19 pandemic. *Frontiers in Psychology*, 12:775032. doi:10.3389/fpsyg.2021.775032 *shared last authors

Kassianos, A.P., Georgiou, A., Kyprianidou, M., Lamnisos, D., Lubenko, J., Presti, G., Squatrito, V., Constantinou, M., Nicolaou, C., Papacostas, S., Aydin, G., Chong Y.Y., Chien, W.T., Cheng, H.Y., Ruiz, F.J., Garcia-Martin, M.B., Obando-Posada, D.P., Segura-Vargas, M.A., Vasiliou, V.S., McHugh, L., Höfer, S., Baban, A., Dias Neto, D. da Silva, A.N., Monestès, J-L., Alvarez-Galvez, J., Paez-Blarrina, M., Montesinos, F., Valdivia-Salas, S., Ori, D., Kleszcz, B., Lappalainen, R., Ivanović, I., Gosar, D., Dionne, F., Merwin, R.M., Chatzittofis, A., Konstantinou, E., Economidou, S., Gloster, A.T., Karekla, M.*, Constantinidou, A.* (2021). Mental health and adherence to COVID-19 protective behaviors among individuals with cancer during the COVID-19 pandemic: An international, multinational cross-sectional study. *Cancers*, 13, 6294. <https://doi.org/10.3390/cancers13246294> *shared last authors

Chong, Y. Y., Chien, W.T., Cheng, H.Y., Lamnisos, D., Lubenko, J., Presti, N., Squatrito, V., Constantinou, M., Nicolaou, C., Papacostas, S., Aydin, G., Ruiz, F.J., Garcia-Martin, M.B., Obando-Posada, D.P., Vasiliou, V., McHugh, L., Hofer, S., Baban, A., Dias Neto, D., Nunes da Silva, A., Monestes, J-L, Alvarez-Galvez, J., Blarrina, M.P, Marin, F.M., Salas, M.S.V, Ori, D., Kleszcz, B., Lappalainen, R., Ivanović, I., Gosar, D., Dionne, F., Merwin, R., Gloster, A.T.*, Karekla, M.*, Kassianos, A.P.* (2021). Patterns of psychological responses among the public during the early phase of COVID-19: A multi-country analysis of online survey data. *International Journal of Environmental Research and Public Health*. 18, 4143. <https://doi.org/10.3390/ijerph18084143> * Joint last authors

Dias Neto, D., Nunes da Silva, A., Roberto, M., Lubenko, J., Constantinou, M., Nicolaou, C., Lamnisos, D., Hoffer, S., Presti, G., Squatrito, V., Vasiliou, V.S., McHugh, L., Monestes, J-L, Baban, A., Alvarez-Galvez, J., Paesz-Blarrina, M., Montestinos, F., Valdivia-Salas, S., Ori, D., Lappalainen, R., Kleszcz, B., Karekla, M.*, Gloster, A.*, Kassianos, A.P.* (2021). Illness perceptions of COVID-19 in the community: Predictors, impacts and temporal evolution. *Frontiers in Psychology*. 12:640955. doi: 10.3389/fpsyg.2021.640955 * Joint last authors

Chong, Y.Y., Chien, W.T., Cheng, H.Y., Kassianos, A.P.*, Gloster, A.*, Karekla, M.* (2021). Can psychological flexibility and prosociality mitigate the public mental health impact of COVID-19? A cross-sectional study among Hong Kong adults. *Globalization and Health*, 17 (43). Available at: <https://doi.org/10.1186/s12992-021-00692-6> *Joint last authors

Gloster, A.T., Lamnisos, D., Lubenko, J., Presti, N., Squatrito, V., Constantinou, M., Nicolaou, C., Aydin, G., Chong, Y. Y., Chien, W.T., Cheng, H.Y., Ruiz, F.J., Garcia-Martin, M.B., Obando-Posada, D.P., Vasiliou, V., McHugh, L., Hofer, S., Baban, A., Dias Neto, D., Nunes da Silva, A., Monestes, J-L, Alvarez-Galvez, J., Blarrina, M.P, Marin, F.M., Salas, M.S.V, Ori, D., Kleszcz, B., Lappalainen, R., Ivanović, I., Gosar, D., Dionne, F., Merwin, R., Kassianos, A.P.*, Karekla, M.* (2020). Impact of COVID-19 pandemic lockdown measures on mental health: An international study. *PLOS One* 15(12), e0244809 * Joint last authors

Happy to discuss on potential collaborations related to COVID-19 pandemic where we can bring the behavioral expertise.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Social Science and Humanities

At the Cyprus University of Technology's Behavioural Health Lab we offer expertise to consortiums who need social science and humanities input. We have a mixed methods approach using participatory methods with target groups.



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Type

Partner seeks Consortium/Coordinator

Agapi Kataki

National and Kapodistrian University of Athens

Scientific Personnel-Teaching Assistant

ABOUT

The "First Department of Propaedeutic of Surgery and Surgical Pathology" of Athens Medical School in NKUA was officially established in 1922 (legislative act 2905/27-9-1922) and since 1943 it has occupied the premises placed at its disposal by the "Hippokraton" General Hospital of Athens (FEK A77-09.04.1942).

Since its establishment, the First Department of Propaedeutic Surgery has clinical and academic duties in the field of General Surgery as the clinic's aims are to protect and improve public health and to add to the global scientific knowledge by providing high-quality and novel academic research. Its academic duties involve the clinical education of 4th and 6th year undergraduate medical students. The resident surgeons of the First Propaedeutic Surgical Clinic are exposed to all aspects of general surgery in the modern age in order to transition from graduate students to fully competent general surgeons. The A' Department of Propaedeutic Surgery considers the integration of novel technologies and the implementation of molecular profiling of prognostic biomarkers as a necessity for the improvement of the currently existing surgical and therapeutic tools in several clinical entities, including common and rare types of primary and metastatic cancers. The Laboratory of Experimental Surgery is equipped to perform a broad spectrum of research methods in the fields of molecular, translational and cellular biology. The Laboratory has published numerous peer reviewed articles and is actively participating in several national and international consortiums covering various scientific fields. Its research activities aim to study the cellular and molecular mechanisms involved in the pathogenesis of various types of cancer and clinical syndromes by applying basic science and translational research methods and molecular diagnostic techniques. All studies are conducted according to the applied Bioethics rules and programs are funded by accredited bodies such as Special Account for Research Grants NKUA, Greek Ministry of Health, GSRT, as well as European bodies via International collaborations).

🔗 <https://aproposurg.med.uoa.gr/>

Marcin Kautsch

Sucha Beskidzka Hospital

Project Coordinator

ABOUT

Sucha Beskidzka Hospital is a general hospital located in the South of Poland. We are interested in seeking opportunities to collaborate on EC co-funded projects.

We already have participated in some of them (DELTAH - developing leadership skills), RES Hospitals (renewable energy), EcoQUIP (innovative procurement) [<https://noharm-europe.org/sites/default/files/documents-files/2978/Sucha%20Beskidzka%20Hospital%20-%20Budapest%2025.11.pdf>, https://ec.europa.eu/growth/content/8945-innovative-public-procurement-can-lower-pressure-health-budgets_en] and EcoQUIP+ (innovative procurement: ward refurbishment project) [<https://www.ecoquip.eu/procurement-projects/innovative-renovation-of-hospital-wards.html>] and recently Procurement4Health.

We are interested in a variety of subjects, allowing us to improve efficiency and quality of our operations.

🔗 <https://www.zosuchabeskidzka.pl/>



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OPPORTUNITIES

◆ Project Cooperation

Applying for the EU-funded projects in healthcare

The hospital and the other organization in it's network is willing to participate as a partner in various healthcare related calls.

We have already been involved in a number of such initiatives, the recent ones cover the area of int. procurement:

Procure4Health

<https://procure4health.eu>

EqoQUIP+

<https://www.ecoquip.eu>

We can test the solution being developed within the project and participate in disseminating the project results.

Through the network we also can have access to other types of institutions, such as patients' organizations, consulting companies, local authorities in Poland and in Europe.

Type

Partner seeks Consortium/Coordinator

Dr. Ilhan Kaya

Vestel Electronics

research projects manager

ABOUT

Comprised of 24 companies, the Vestel Group is a multi-industry manufacturer, which operates in electronics, household appliances, mobile technologies, LED lighting and defence. Testimony to the global importance of Zorlu Holding across multiple technology sectors, Vestel is not only thriving at home in Turkey with its 12 companies, but also through a further 14 businesses that have been set up in various other parts of the world.

🔗 <https://vestelinternational.com/en/>

OPPORTUNITIES

◆ Project Cooperation

Improving accessibility of health services over consumer electronics

In this proposal, we are providing better accessibility of health services over consumer electronics devices for the aging population. The data accumulated through the wearable devices maybe visualized and serviced through an online portal to the health professionals and elderly patients.

Type

Partner seeks Consortium/Coordinator



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Elif Kaya
Republic of Türkiye Ministry of Health / General Directorate of
Health Information Systems
Project Assistant

ABOUT

Türkiye Ministry of Health is a central government institution that carries out all activities related to health, including promotion of health, health informatics, and medical research. The Ministry of Health, which provides comprehensive healthcare services nationwide through an extensive network of healthcare facilities, has more than 2,000 hospitals and over 8,000 health centers affiliated with it. This enables rapid and easy management of national and international projects' pilot implementations in designated healthcare facilities. Additionally, the Ministry has achieved notable success on a global scale with its qualified human resources and advanced health informatics infrastructure.

In particular, the Ministry of Health, General Directorate of Health Information Systems has developed three significant projects (e-Nabiz, HSYS, MHRS) for the digitalization of health services in recent years by utilising technology and data to give better healthcare results and efficient resource allocation.

E-Nabiz is a patient-centered PHR/EHR solution that gives users access to and management of their own personal health information. Patients can simply take advantage of services like scheduling appointments and renewing medications while also having secure access to their medical records, including diagnoses, emergency information, and test results. Also, e-Nabiz system simultaneously provides services to doctors and health professionals by assuring the continuity of medical care.

Additionally, the E-Nabiz system, which offers users personalised health recommendations, encourages the proactive participation of patients in the care process and establishes preventive care.

HSYS (Public Health Management System) is a comprehensive digital platform that enables efficient management of all patient information from a single point. More than 40 public health and preventive health modules are included in HSYS, including cancer screening, vaccination delivery, laboratory information management, and filiation. The "Epidemic Detection and Management System" that was implemented into HSYS as of March 2020 played an essential function in the investigation and management of the coronavirus outbreak.

MHRS (Central Physician Appointment System) revolutionizes patient bookings with medical professionals. It minimizes waiting times by providing a digital, centralized appointment management system. Patients can easily find providers, select convenient times, and book appointments via the MHRS website or mobile apps.

General Directorate of Health Information Systems has undertaken the task of coordinator in two awarded Horizon 2020 health projects:

ProEmpower: A Pre-Commercial Procurement (PCP) project which aims to procure innovative ICT solutions for patient empowerment and self-management of diabetes mellitus. The project involves multiple procurers from different regions, focusing on improving diabetes care and management.

HSMonitor: HSMonitor is a PCP project which aims to provide better health and care activities for hypertension patients, focusing on early diagnosis, prevention, and long-term management of the disease through personalised mobile health solution.

Furthermore, the General Directorate of Health Information Systems has taken part in the following Horizon projects as a partner:

Stamina: A Horizon 2020 project aiming to develop an intelligent decision support toolset for predicting and managing pandemics. It enhances national and international efforts in pandemic planning and response, increasing health security.

Procure4Health: It promotes innovation procurement through knowledge sharing, capacity building, and networking. It focuses on identifying common needs and launching joint actions to improve procurement of innovative healthcare products and services.

InCareHeart: A PCP project aiming to improve the quality of care for patients with heart disease by developing an integrated system for diagnosis and treatment, with a focus on reducing mortality rates associated with heart disease.



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In addition to these projects, the General Directorate of Health Information Systems has played a vital role in the implementation and advancement of other digital initiatives within the Türkiye healthcare system such as e-Rapor, SİNA, EKİP, HES, AŞILA.

The General Directorate of Health Information Systems demonstrates their dedication to leveraging technology and data-driven approaches to enhance healthcare delivery, improve patient outcomes, and foster innovation in the healthcare sector through their digital initiatives and participation in Horizon projects. These initiatives help the healthcare system of Türkiye continue its current digital transformation while guaranteeing effective and patient-centered care for all.

<https://vestelinternational.com/en/>

OPPORTUNITIES

◆ Project Cooperation

Strong partnerships in Digital Health

As the General Directorate of Health Information Systems of the Ministry of Health, we have been at the forefront of healthcare transformation and digitalization, initiating numerous national and international projects. Thus far, we have taken on coordination and/or partnership roles in five significant Horizon projects. Leveraging our expertise in e-health and the healthcare ecosystem serving the entire country, we aim to participate in strategic partnerships that will propel us forward in the field of digital health.

Interested Topics: Holistic e-health solutions (early detection, treatment, and preventive care), pandemic preparedness in Europe, remote access to medical and care services.

Type

Partner seeks Consortium/Coordinator

Cansu Kizilkaya Force & Brothers Consultancy Inc. Consultant

ABOUT

Based in Ankara, Turkey, Force & Brothers is a Project Management and Consulting Company that designs and executes creative solutions to complex problems. With an array of highly experienced professionals, the organization possesses the know-how in capacity-building of government and non-government entities, designing and delivering blended training programs, setting multidimensional agendas, creating communication strategies, strategic planning, and arranging procurement and financial support for different high-profile initiatives, while using state-of-the-art methodologies and customizable innovative technologies.

Force & Brothers has a 27-strong team of professionals located across its offices in Istanbul and Ankara, which serve as hubs for our clients from all over the region, including the Balkans, Middle East, and Caucuses, while adding to a significant clientele within Turkey. The total project budget of Force & Brothers' ongoing projects is approximately EUR 615 million, and the initiatives are being implemented in cooperation with The World Bank, KfW Development Bank, UNDP, GIZ, the Delegation of the European Union to Turkey, Ministry of Justice of Turkey, and Ministry of National Education of Turkey. Driven by the 2030 Agenda for Sustainable Development, the company's project experience is mainly focused on education, gender equality, access to justice, refugees-associated issues, and institutional development.

In addition, at Force&Brothers, it is part of our work to identify the health level of the society, the existing and potential health problems using scientific techniques, and to develop local solutions based on global policies. Our F&B team especially carries out projects on;

- ◆ Tobacco control and the fight against the tobacco industry.
- ◆ Road Safety
- ◆ Obesity Issues.



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OPPORTUNITIES

◆ Project Cooperation

Partner organisation with a project idea, seeking a Consortium

At Force&Brothers, it is part of our work to identify the health level of the society, the existing and potential problems using scientific techniques, and to develop local solutions based on global policies. Our F&B team carries out projects on;

- ◆ Tobacco control and the fight against the tobacco industry.
- ◆ Road Safety
- ◆ Obesity Issues.

We have an early stage project idea on prevention of non-communicable diseases; through a digital support system using multiple data sources.

Type

Partner seeks Consortium/Coordinator

Ekaterina Kldiashvili

Petre Shotadze Tbilisi Medical Academy

Vice Rector in Research

ABOUT

Petre Shotadze Tbilisi Medical Academy (TMA) is a private teaching university established in 1992 and located in Tbilisi, Georgia. In 2018 TMA has been authorized according to updated standards and with involvement of foreign (EU) experts; in 2020 TMA's MD educational programmes have been accredited according to WFME standards. It is a member of the European Universities Association (EUA). The institution has experience in the field of research and science popularization; with the leadership and participation of TMA team members several international (NATO Scientific Affairs, BSEC, COST, Twinning and etc.) and national (SRNSFG) projects have been proposed and realized. TMA is an active participant of Erasmus+ programmes - the main focus is placed on mobility (KA1) actions as well as realization of ongoing KA2-CBHE projects ("Setting peer review instruments and goals for medical (health) education" - SPRING, TMA is a participant; "Simulation in undergraduate medical education of improvement of safety and quality of patient care" - SAFEMED, TMA is the coordinator and participant). Although, considering priorities of institutional strategic development the main focus since 2019 has been on development of research capacity and raising the research profile of TMA.

Katarzyna Koba

SensiVR Health

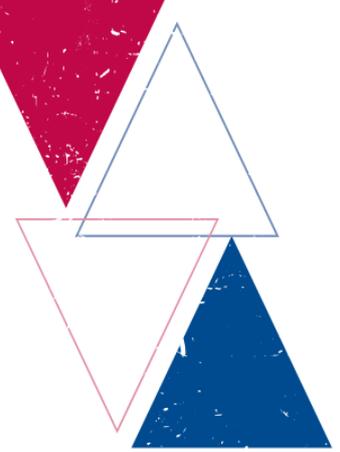
ABOUT

SensiVR Health improves cognitive, motor and behavioral skills in a playful way using digital therapy (DTx). It is a time-efficient virtual training that remotely engages all the senses and aims to manage the difficulties associated with neurodevelopmental dysfunctions, which affect 1 in 6 children worldwide. We are introducing our solution focused on a subsection of this market, i.e. children aged 7 to 10 years with learning difficulties caused by developmental coordination disorder (DCD), also known as dyspraxia.



The most well-known way that occupational therapists currently treat this is through sensory rooms. However, these are expensive, time-consuming and not personalized to the needs of the child. We are creating a sensory VR room. SensiVR Health has a therapeutic effect related to the adaptation of content and development methods to the individual abilities, skills and interests of children with sensory processing disorders (SPD). The solution responds to the basic needs of every parent, which are the provision of appropriate psychomotor development and prevention of mental health of their child.

<https://www.sensivr.com/en>



Dr. Mujde Kocaman Akbayrak (PhD) Researcher at University

ABOUT

Business (Healthcare) Management

OPPORTUNITIES

◆ Project Cooperation

Integrated care solutions for better quality, person-centred long-term care and territorial inequalities in their provision

The proportion of the elderly population -with long-term health needs- is rapidly increasing. Management of the elderly population is becoming an important issue. We have to be prepared for the management of the health needs of the elderly.

The health needs of the elderly are complicated and desired solution cannot be developed by only the action of the ministry of health. Nobody can serve as "a caregiver or a nurse" on behalf of each elderly one. In order to achieve better results in the long-term care of the elderly, comparative studies should be conducted cross-country.

I lived in Oxford for a year and voluntarily participated in community centre activities with my host family (a retired couple). I have experienced the importance of community centres on the social, communication and health needs of the elderly population. Based on the experience gained, I would like to conduct a comparative study on the role of community centres in managing -the social, communication and health needs of- the elderly population in Istanbul and Oxford (or any other city).

Type

Partner seeks Consortium/Coordinator

Eka Kokhreidze European University Researcher

ABOUT

European University is an authorized higher education institution with the status of an educational university, which implements higher education programs in accordance with the rules established by law and issues a certificate of qualification recognized by the state. 3 faculties operate at European University: Faculty of Law, Education, Business and Technology Faculty of Medicine Faculty of Veterinary Medicine

<http://www.eu.edu.ge/>



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Veronika Konok
Eötvös Loránd University, Alpha Generation Lab
research fellow

ABOUT

Our research group participates in a collaboration with German and Dutch researchers with whom we plan to submit a Horizon proposal. I am representing the collaboration and the coordinator now.

Specifically about our research group in Hungary: the Alpha Generation Lab at the Department of Ethology of the Eötvös Loránd University is an interdisciplinary group, involving researchers in psychology, biology and informatics. The group investigates how digital device use influences children's cognitive and socio-emotional development, and mental health. We are also developing cutting-edge digital solutions to monitor children's digital device use and change it in a beneficial way. We have won several scientific and proof of concept grants and published influential papers in high-quality (D1 and Q1) international, peer-reviewed journals.

🔗 <https://www.alphageneration.eu/>

OPPORTUNITIES

◆ Project Cooperation

Community-based environmental approach to promote children's and adolescents' mental health in the digitalized society

The aim of this project is to develop and disseminate evidence-based guidance and tools for children and adolescents promoting a healthy balance between a sedentary digitalized lifestyle and a more active non-digitalized lifestyle in support of their physical, mental and social health and well-being. We will promote healthier societies by developing holistic solutions in a community-based participatory manner (including youth) that foster healthy lifestyles from early age with long-term impact(s). These solutions range from universal prevention (e.g., environmental prevention of alcohol use) to indicated prevention (e.g., building healthy eating habits in families with high obesity rates), and personal care management (e.g., supporting disease self-management in adolescents

with chronic conditions via digital tools). We will elaborate on existing community-based environmental programs by considering a broader digital environmental approach, by targeting digital behaviors relevant for healthy development in a digitalized world, and by developing and implementing evidence-based digital solutions that take into account specific youth characteristics (person-centred).

The coordinator of the project is Samuel Tomczyk (<https://scholar.google.com/citations?user=msiqZS0AAAAJ&hl=en>), I am representing him and our collaborative group of researchers at the brokerage event.

Type

Consortium/Coordinator seeks Partners

Nikos Konstantinou
Cyprus University Of Technology
Associate Professor

ABOUT

The Cyprus University of Technology (CUT) is a university established in 2004. Its first intake of students took place in the academic year 2007–08. The establishment of CUT is an attempt to fill in gaps that still exist within Cyprus' higher education by offering degrees in undergraduate and post graduate levels that are not offered by the University of Cyprus or by other higher education institutions. It is based in Limassol, the second largest city in Cyprus. It was officially inaugurated in September 2007.

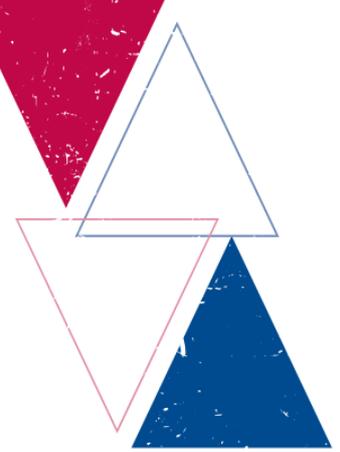


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The Cyprus University of Technology is one of the eight holders of the European University of Technology, EU+, with the Riga Technical University (Latvia), Technical University of Sofia (Bulgaria), the Hochschule Darmstadt, University of Applied Sciences (Germany), the Technological University Dublin (Ireland), the Polytechnic University of Cartagena (Spain), the University of Technology of Troyes (France), and the Technical University of Cluj-Napoca (Romania).

The European University of Technology, EU+ is the result of the alliance of eight European partners.

<https://www.cut.ac.cy/>



Aigli Korfiati Deeplab

ABOUT

Deeplab is an SME with advanced Machine Learning (ML) and Deep learning (DL) industrial experience in large scale production pipelines, bridging the gap between state-of-the-art research and challenging industrial problems.. Counts more than 20 researchers and engineers including junior talents and senior consultants working in real-life projects while conducting high-end deep-learning research as well as large-scale product-level pipeline development dealing with very large datasets e.g. >1B data per day.

OPPORTUNITIES

◆ Project Cooperation

Advanced ML and DL expertise and offering in bioinformatics, neuroinformatics and personalization

Deeplab is an SME with advanced Machine Learning (ML) and Deep learning (DL) industrial experience in large scale production pipelines, bridging the gap between state-of-the-art research and challenging industrial problems.. Counts more than 20 researchers and engineers including junior talents and senior consultants working in real-life projects while conducting high-end deep-learning research as well as large-scale product-level pipeline development dealing with very large datasets e.g. >1B data per day.

Deeplab has successfully applied deep-learning in diverse and long-term R&D projects: 1) personalization and recommendation systems, by incorporating multiple modalities such as image, text, and other diverse inputs 2) anomaly detection in mobiles and ad-tech for fraud detection, 3) visual objects' relations recognition and explainable AI/ML, as well as 4) bioinformatics fields such as virtual screening for drug discovery, single cell multi-omics, and drug target identification, all related to the state- of-the-art of deep learning, 5) neuroinformatics and BCIs for across subjects' generalization in well-being or other scenarios.

Recent success highlights include 1) a self-funded project on COVID-19 drug discovery while being in the top-20 teams in the international JEDI grand challenge and producing DENVIS, a ML system/pipeline for superfast virtual screening over billions of molecules, 2) recent advances on drug target identification, 3) collaboration with academic institutions and universities by funding and/or hosting young talents in diploma thesis co-supervision or via research trainings.

Offerings:

Bioinfo

In silico components for drug discovery, such as virtual screening, drug target identification, as well as other optimizations in clinical trials or others.

Bioinformatics and advanced ML/DL for omics data (including among others single cell and spatial single cell).

Neuroinformatics and brain computer interfaces via EEG

Real time Motor Imagery BCI



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Across subjects generalization of EEG signals
DL in Computer vision and language processing
Personalization, generalization

We seek partners who aim to employ modern ML/DL empowered in silico approaches in (pre-)clinical cases for drug discovery, personalized medicine, and health wellbeing.

Type

Partner seeks Consortium/Coordinator



Silvia Koumanova Somenso

ABOUT

Somenso brings a difference in the perception of mental well-being and focuses on a BRAIN-ORIENTED APPROACH to stress management. With the Test my stress project, we aim to enable an objective assessment of the general state of the human organism and its ability to perceive and manage stress in its life. This means that our clients will receive a personalized screening of their current condition, through which they will have the opportunity to detect physiological and/or psychological problems caused by stress before they have arisen to be diagnosed as a medical problem. This type of reports can be used for consultation with a specialist, correct diagnosis and obtaining the effective treatment for a faster recovery of the quality of life.

 <https://www.somenso.com/>

OPPORTUNITIES

◆ Project Cooperation

Prevention oriented health and care

We are looking for partners in field of holistic support and prevention in terms of brain-body interactions.

Erika Kovács Heim Pál National Pediatric Institute Strategy and Quality manager

ABOUT

The mission of the Heim Pal National Pediatric Institute (HPI) is to do the best for the well-being of children (physical and mental), quality of life, and to represent children's interests in healthcare. The hospital has 550 active beds, 7 hospital buildings, 3 locations 24 clinical departments and 7 locations several surgeries. It is one of the biggest paediatric hospitals in the Central European region. The HPI has 1,549 employees (1285 female, 264 male) of which nearly 400 doctors and more than 800 professionals (nurses, assistants, dieticians, physiotherapists, etc.). It has all the specialities in paediatric medicine, e.g. ITU, Traumatology, Neurology, Clinical Psychology, Psychiatry, etc. There is a significant number of patients treated: 35,000 inpatients and nearly 500,000 outpatients visit the facility per year.

The largest children's emergency and child accident centre is operated in the region and provide on-call duty in many professions for the whole country. The institute also took care of the Ukrainian war refugees. In addition to emergency cases, the hospital also took over the care of serious, chronic patients previously treated in Ukraine, or patients requiring intensive care. In 2022, we provided care for 2,300 children. The hospital is designated to care for COVID-19 infected children at the highest level and to vaccinate children nationwide. In 2022 nearly 4000 COVID patient was treated and 80.000 patients were vaccinated here.



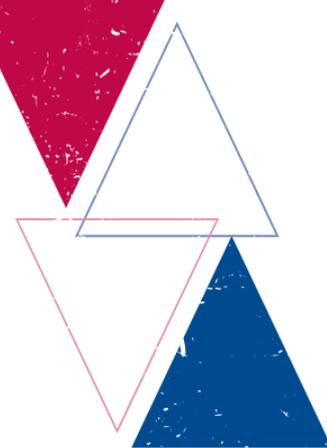
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As a national institute, our goals include the publication of medical protocols based on international and national literature and the experience based on significant amount of patient care. Activities include prevention as well as patient care.

Our hospital is a tertiary care teaching hospital both for doctors and nurses. During practical trainings, the protocols compiled by the methodological centre from the medical literature and the experience of the practicing physicians are taught. There are trainings for representatives of each field, e.g. Paediatric Dermatology, Paediatric Gastroenterology, but we also train primary care paediatricians on a number of topics.

The medical staff take part in international and national research programmes, including oncotherapy, rare diseases, diabetes, coeliakia, Cystic fibrosis, allergy, antibiotic therapy and infection controll, COVID-19 and post-COVID illnesses and many other topics. Because of being a large hospital it is perfect to test digital innovation, AI and other technical or informatical development. The number of health care workers gives an opportunity to test any idea to enhance their knowledge or wellbeing.

<http://www.heimpalkorhaz.hu/>



Urszula Kowalik

**Mossakowski Medical Research Institute Polish Academy of Sciences
Deputy Director for Development and Cooperation**

ABOUT

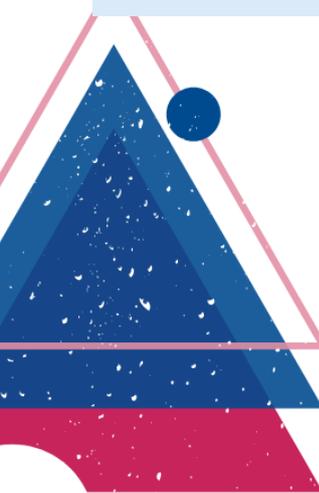
MMRI Research priorities

The exceptional character of the studies conducted by Mossakowski Medical Research Institute Polish Academy of Sciences results from its unique departmental structure combining basic research with clinical practice. The research area focuses on key experimental medicine problems, solvable at the level of basic body functions and pathologies. However, numerous research programs concentrate on clinical problems and a great number of investigated issues exceed medical practice being therefore analysed by means of experimental models.

The Institute's research priorities include the following research directions:

1. Molecular mechanisms of Central Nervous System development and pathologies. Disease modeling and personalized medicine using animal models, human iPSC and brain organoids.
2. Cancer - basic research. Development of a "multi-onko-map" - multiomic map of molecular programs in the most lethal cancers and diagnostics of brain tumors (neurogenetics and neuropathology).
3. Healthy aging and longevity. Research on long-lived people (including centenarians), prevention of obesity and diabetes, rehabilitation in age-related diseases.
4. Rare diseases. Basic research and diagnostics (neuromuscular and neurodegenerative diseases)
5. Translational research in regenerative medicine. Preclinical studies on animal models and experimental therapy of CNS disorders using human stem cells isolated from different tissues and organs, e.g. bone marrow and adipose tissue.
6. Experimental pharmacology. Designing new drugs. Pharmacological neuroprotection

<https://www.imdik.pan.pl/en/>



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Srđan Kožetinac
Cluster of medical and health tourism
Cluster manager

ABOUT

Cluster of medical and health tourism has over 50 partners and leading private and government organizations in the medical, tourist, business and scientific sectors. The main advantage of having a Cluster MHT as a partner is that within its association there are hospitals, which can be good bases for a pilot project in various areas of healthcare. The cluster manages all project activities in Serbia, and also has experts for Cluster 1. One of the projects is just ending and the pilot project was implemented in the Merkur Special Hospital, the national diabetes center, which is the main member and founder of the Cluster. <https://si4care.adrioninterreg.eu/>

 <http://www.medicinskiturizam.rs/>

OPPORTUNITIES

◆ Project Cooperation

Prevention of Diabetes and complications

Diabetes Mellitus and its complications is a modern pandemic and a high burden for the public health. Our Special Hospital Merkur has experience in EU funded projects, such as SI4CARE (<https://si4care.adrioninterreg.eu/>) We are interested to join a consortium under this topic, as a pilot site of the specific Use Case of Diabetes and prevention of complications. Also Merkur was 2 times Covid hospital, so they have experience in treating during a pandemic

Type

Partner seeks Consortium/Coordinator

Daryna Krenytska
The State Institution «Public Health Center of the Ministry of Health of Ukraine»
specialist in scientific research

ABOUT

Public Health Center of the Ministry of Health of Ukraine (PHC) is a public institution that operates under the Ministry of Health of Ukraine. PHC is responsible for maintaining and promoting public health, social and hygienic monitoring of diseases, epidemiological surveillance and biological safety, community and population-based disease prevention, epidemic management, and strategic public health management. PHC ensures strong leadership and governance of the public health programs at the national level, manages and carries out national coordination of the public health priorities.

Ivan Kulchytskyy
NGO Agency of European Innovations
President

ABOUT

Agency of European Innovations (AEI) is a research and consultancy organization that acts as an innovation bridge between science, business, authorities and other stakeholders. AEI is a multidisciplinary team specialized in the project management, analytical studies, surveys, market and social researches, dissemination, communication and public engagement, using products such as



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social media, art, video, web, graphic design, creative campaigns, publications, press releases, outreach activities, events and much more.

AEI aimed at the development of Renewable and Sustainable Energy, Digital Transformation, Creative Industry, Education, Agricultural, Food, Health, R&D areas in Ukraine, in particular within EU and national programmes.

AEI works with many different public and private institutions in Ukraine, Europe and Eastern Partnership countries and has wide experience in the development, management and execution of dissemination and communication strategies in H2020 and HORIZON Europe projects.

AEI team has experience in projects (www.aei.org.ua/en/projects) under the FP6, FP7, Horizon 2020 and Cascade funding of H2020 projects; the program «Polish Aid» Ministry of Foreign Affairs of Poland; CBC programme «Poland-Belarus-Ukraine».

AEI is actively involved in civil society. AEI is a member of the national platform for the Eastern Partnership Civil Society Forum and a member of Ukrainian part of Civil Society Platform o/n Implementation of the Agreement on EU-Ukraine Association.

 <https://aei.org.ua/>

Grażyna Kurkowska Scheelite Sp. z o. o.

ABOUT

Scheelite is a versatile company that offers a range of services to its clients.

Their primary expertise is in the area of supply chain consulting, where they provide strategic advice and assistance to organizations in streamlining and optimizing their supply chain operations. They work closely with their clients to identify pain points and inefficiencies in their supply chain and develop customized solutions to overcome these challenges.

In addition to their consulting services, Scheelite also provides Excel training for companies. This training is designed to help employees gain proficiency in using Excel, a vital tool for data analysis and management in many businesses. Scheelite's Excel training program is tailored to meet the specific needs of each organization and can be delivered on-site or online.

Furthermore, Scheelite owns a supplements brand for e-sports enthusiasts. The brand offers a range of supplements that are specifically formulated to support the cognitive and physical demands of gaming. These supplements are made using high-quality, natural ingredients and are designed to help e-sports athletes perform at their best.

Overall, Scheelite is a dynamic company that offers a range of services to help organizations optimize their operations and improve their performance. Their expertise in supply chain consulting, Excel training, and supplements for e-sports make them a valuable partner for businesses across a variety of industries.

Aslıgül Kurt IVBIO TECHNOLOGY

ABOUT

IVBIO founded in 2021 (SME), is a biotechnology company that conducts research on biotechnology for developing products to help industry. In addition to providing in vitro biotechnological solutions with indigenous designs, IVBIO also represents leading companies and investors in the areas of biotechnology, pharmaceuticals, medical technology, wellness and cosmetics. IVBIO team has the experienced staff to be assigned in the research projects done in biotechnology field. This team includes medical doctors, veterinary surgeons, biologists and



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molecular biologists who are dynamic, innovative and inclined to team spirit; they successfully pass the necessary steps for the products to be introduced to the market.

<https://www.ivbio.com.tr/>

OPPORTUNITIES

◆ Project Cooperation

Biotechnology Partner (SME)

IVBIO has wide range of experience on EU proposals as a partner and can support consortiums with following tasks:

- ◆ In vitro Biocompatibility Tests, Sterility Tests, Biological Load Tests, Bacterial Endotoxin Tests (All testing services at IVBIO Technology Inc. are carried out in accordance with ISO standards)
- ◆ De-cellularization strategies for regenerative medicine (Bone grafts, soft tissue graft)
- ◆ Gel formation of decellularized tissue grafts (Injectable Type 1 collagen...ect)
- ◆ Re-cellularization of tissue scaffolds
- ◆ Cancer and non-cancer related cell therapies (including regenerative medicines approaches)
- ◆ Molecular level R&D studies including western blot, PCR, elisa, gel electrophoresis, spectrophotometric measurements like antioxidant capacity testing, HPLC analyses, cell culture cytotoxicity xtt, mtt tests.. etc
- ◆ In vitro impact assessments on biochemical pathways at the molecular level (mRNA and Protein level) in cell culture, Organoid studies for drug trials
- ◆ Bioinc , Ingredient isolation, End product commercialization and final testing services

Type

Partner seeks Consortium/Coordinator

Agata Kurzyk Maria Sklodowska-Curie National Research Institute of Oncology

ABOUT

Maria Sklodowska-Curie National Research Institute of Oncology is a specialized research institute and hospital of the Polish Ministry of Health.

OPPORTUNITIES

◆ Project Cooperation

3D bioprinted skin cancer model for personalized cancer therapy

We are eager to expand our knowledge and contribute to projects focused on innovative health technologies, patient monitoring, early detection, and the selection of therapy for skin cancer patients. Our group possesses the expertise and tools necessary to fabricate intricate 3D cellular healthcare models. We can manufacture 3D printed living tumors using cancer patient-derived cells, biopsies, primary cells, immune cells, and stem cells. The clinical material will be obtained from clinics affiliated with our institute. We are seeking partners from various fields, such as biomaterials research and the development of bioinks with specific properties, to collaborate on this topic.



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Nikolett Kékesi
S-Babee Ltd.
General Manager

ABOUT

Our startup was founded in 2020, in Hungary. We have created our own solutions in the field of baby care: the Smart Babee Technologies. This is an "all-in-one device" that could provide a 24/7 monitoring feature for the parents and store health data of the baby. Smart Babee technology is a unique monitoring system that can be built into any baby bed after proper adjustment of the bed itself. With the help of the device and the application connected to it we intend to collect health data in order to health professionals in detecting different diseases at an early stage.

<https://www.smart-babee.com/>

OPPORTUNITIES

◆ **Project Cooperation**

Digitalizing Healthcare and Data Analysis - Software and hardware developer company looks for opportunity in Horizon

We are health tech start up who aims to take baby care into a new level by our own Smart Babee Technologies. Our device is built in the baby bed and it is connected to an app that we have developed to gather the health data of the babies. We would like to help healthcare professionals to get data and with the potential implementation of AI enable them to detect diseases at an early stage. We believe this solution also can be applied in elderly care. Our team is specialised in software application and designing and manufacturing monitoring devices. We would like to join a consortium that aims to renew healthcare and apply AI in order to process data. By this we wish to create a system that is able to detect diseases at early stages and serves the needs of the clients.

Type

Partner seeks Consortium/Coordinator

Ercan Küçükarslan
BOSEV
Project Manager

ABOUT

Büyük Ortadoğu Sağlık ve Eğitim Vakfı (BOSEV), Research Foundation, was founded as an umbrella structure in 2009 by a group of professionals working in the medical field, additionally from other sectors like education, sports, business world, and ICT. BOSEV aims to support research developments in the medical and in the education sector with its rich staff capacity and high profile background. In regards to this aim, BOSEV hosts medical publications with periodical medical magazines; has 50 management board professionals and 100 members providing ongoing, varied voluntary support; and transfers experience and capacity of over 500 staff working in hospitals, medical centers, clinics and in a media company. Because of an intention to solve ICT based needs in all facilities, BOSEV formed its own ICT Solution Department (ISD) inside the Foundation. ICT Solution Department provided BOSEV to be involved in different initiatives as ICT Solution Partner (ISP).

ISD has managed different platforms and mobile applications to form a kind of user-friendly, interactive, gamification based web platforms and applications, interactive books (i-book) in different projects like ones; www.3mvet.eu Ka202 has sample e-book, apps, visuals on web platforms we supported www.beevet.eu Ka202 has sample e-book, apps, visuals on web platforms we supported www.e-vet.eu Ka202 has sample e-book, apps, visuals on web platforms we designed www.mega-vet.eu Ka202 has sample e-book, apps, visuals on web platforms we designed www.healthy-project.eu/ Ka204 has sample e-book, apps, visuals on web platforms we designed Additionally to all those platforms, BOSEV has managed to coordinate social media releases actively in parallel with projects, with project-specific sharing.



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It is possible to reach over 30,000 followers with Facebook (via hospital group) to publish our training announcements and give informative updated knowledge to the target groups. It is possible for BOSEV to: -provide continuous training to the target groups defined in the application, almost 100 individuals per year; -give supportive training to around 100 students each year, in order to prepare them for the professional life in their future, also a reason to be employed in the following graduation; -give supportive training to around 30 teachers each year, in order to be aware of ongoing/ updated information involving in the project concept. BOSEV has great knowledge of staff training locally, and aims to enrich EU based partnerships with this experience: -completed 'Below the knees disease' KA2 VET project - aimed at surgeons; -began a new project 'TOOLS4BRAIN' - in order to form training for caregivers responsible for individuals facing brain injury; -joined a consortium producing a toolkit to validate skills of professionals working in the voluntary sector; - Healthy project is under foundation coordination (<http://www.healthy-project.eu>).is just finished which is another important opportunity for BOSEV to coordinate KA204 Adult SP Project. - as a partner in another one related to Digital Health Literacy for Elder people is ongoing www.iheal.eu

BOSEV has direct contact with over 500 staff working in the hospitals, medical centers, clinical settings, foundation training centers, and in media company works under its coordination. BOSEV has strict relationships with: -local authorities - give directions to the political decisions; -local authorities - give directions to educational policies; -local VET centers - give basic skills to youngsters before being employed in our institutions; -local NGOs, CSOs - working with health and social care, and adult education; -umbrella CSOs - give contributions to national-level policies in health and education sector; -universities; -trade-unions - have the responsibility to take care of educational purposes; -provincial agriculture and forestry This kind of local network provides a great opportunity to disseminate outputs that are created within local/ international projects. Being one of the biggest medical media company owners, BOSEV is already part of a network who actively work in the field: -DNT Ortadoğu Media company (www.dntortadoguyayincilik.com), focus on promoting any staff education for a variety of educational practices through periodic magazines; -newspapers have a wide range distribution network in Ankara; -media company magazines are used by professionals for academic articles; -magazines of hospitals and medical centers reach over 10,000 patients directly, in each quarter of the year. BOSEV hold meetings not only for families, caregivers, and patients, but also for the professionals working actively in the field related to the project. BOSEV also implements a large number of discounts to the low-income population. BOSEV offers free personal development across Ankara, which includes training on health and hygiene topics.

<http://www.bosev.org/>

OPPORTUNITIES

◆ Project Cooperation

Interest to the project collaboration opportunities under Horizon Europe Cluster Health

We as BOSEV and the stakeholders like 30 Adult/VET providers in the region, regional authorities, companies, and NGOs in the R&D, Health, and Education Sectors are ready to join under our coordination. We have been involved in over 70 KA2 (VET, Adult, School, and YOUTH) Erasmus+ projects, as coordinator, and partner. We are now ready to be a part of your initiatives with 1000 staff working in our medical institutions below;

www.ortadoguhastaneleri.com.tr

www.incekrehabilitasyon.com.tr

<http://19mayishastanesi.com>

www.ortadoguasgtip.com

www.ortadogudamlatipmerkezi.com

www.dntortadoguyayincilik.com

It is possible to see the updated information from our social media channels following;

www.facebook.com/ercan.kucukarslan.94

www.linkedin.com/in/ercankucukarslan

www.twitter.com/ekucukarslan



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www.instagram.com/kucukarslanercan

www.youtube.com/c/ErcanKUCUKARSLAN

BOSEV Foundation's social media channels (www.bosev.org)

www.facebook.com/bosevorg

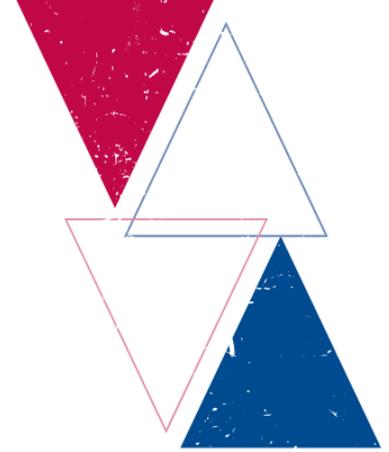
www.twitter.com/bosevorg

www.instagram.com/bosevvakfi

www.linkedin.com/in/bosev-370341178

Type

Partner seeks Consortium/Coordinator



Gospava Lazic Scientific Veterinary Institute "Novi Sad"

ABOUT

Scientific Veterinary Institute "Novi Sad" (NIV-NS) is a public, official veterinary service and research institution under the supervision of Ministry of agriculture and Ministry of science, and constitutes from: 2 Institutes with 11 departments and laboratories, Service for material reception, cleaning and sterilization, Service for common affairs, Quality service and Service for safe handling medical and animal waste. Among Departments and laboratories are: Department for epizootiology, clinical diagnostic, pathology and DDD; Department for reproduction; Department for clinical bacteriology, mycology and parasitology; Department for immunological, serological and biochemical analysis; Department for virology; Department for microbiology and sensory analysis of food; Department for food and feed quality; Department for microbiology of feed; Department for drug analysis and toxicology (<https://niv.ns.ac.rs/en/>). Laboratories are approved for ISO 9001 and more than 140 methods accredited under ISO/IEC 17025). The Institute develops strategic and operative developmental programs for protection of animal health, food and feed safety and quality (HACCP system), welfare of animals and protection of the environment that are in accordance to international legislation and standards.

NIV-NS employs 76 people. From that number, 37 are researchers (30 Doctors of science: 8 Principal Research Fellows, 10 Senior Research Fellows, 12 Research Fellows and 7 Research Associates and/or PhD students. Ratio male/female: 18/19. More than 50 research projects have been done during the last 30 years. NIV-NS possesses more than 50 years of experience in R&D for the needs of enterprises and in supporting agrarian regional policies. Moreover, NIV-NS is the leader representative in the field of veterinary medicine in the country. Main activities at the Scientific Veterinary Institute "Novi Sad" (NIV-NS) are diagnostic and research work in the field of veterinary medicine and multidisciplinary research in medicine, agriculture and protection of the environment. Research and experimental development activities are in the field of biotechnology sciences and technologic development, food and feed safety and research and experimental development in medicine multidisciplinary sciences as well as transfer and implementation of research results on the field.

 <https://niv.ns.ac.rs/en/>

Khrystyna Lesiv Ivano-Frankivsk National Medical University Deputy Head of the International Relations Department

ABOUT

Ivano-Frankivsk National Medical University is a leading medical higher educational institution in the western region of Ukraine.



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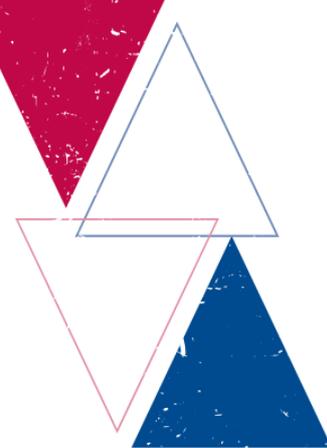


Our vision consists in developing an integrated system of training of medical and teaching staff, creating the infrastructure and the conditions necessary for personal development, mobility of teachers and graduates.

Our mission is to prepare highly qualified medical professionals with high moral and spiritual values, competitive in the national and international labor markets, to develop and implement new technologies for improving the level of medical care both in the region and the whole country.

The history of our university began in 1945. Since that time the institution has changed much. In 2009 we obtained the National status. Today we are an autonomous fully accredited university with the 4th level of accreditation which is the highest in Ukraine.

<https://www.ifnmu.edu.ua/uk/>



Tamas Letoha

Pharmacoidea Ltd.

CEO

ABOUT

Pharmacoidea is a biotech SME, participating in Innovative Medicines Initiative (IMI) projects since 2012 (see our IMI testimonial at <https://bit.ly/3yV4eQT>, and our patent portfolio at <https://bit.ly/3GDBHUC>). Currently, we run two IMI projects: ARDAT, focusing on ATMPs (www.ardat.org), and IM2PACT, focusing on brain delivery (www.im2pact.org).

Our R&D focus is the therapeutic exploitation of cell surface proteoglycans, an expertise becoming very valuable for understanding the role of glycans in human diseases.

<https://www.pharmacoidea.eu/>

OPPORTUNITIES

◆ Project Cooperation

Glycans as a novel biomarkers in brain disorders

Background: Secreted and cell-surface glycans reflect the overall cellular status in health and disease. Glycan synthesis is a dynamic process depending on cell metabolism and cellular signals. Changes in glycosylation can modulate inflammatory responses and regulate cell death, while the glycome composition also affects CNS function in health and disease. Postmortem human brains of AD patients show increased expression of cell-surface proteoglycans, especially those driving the seeding and spreading of pathological protein aggregates. Changes in glycans may indicate the early stages of the human brain disorder. Currently, the Pharmacoidea (PHI) conducts glycan analyses on longitudinal blood samples of patients with clinically well-characterized brain disorders to detect changes in the glycome during disease progression.

Added value: Blood (and CSF) samples collected from patients and healthy controls at different time points with brain disorders and healthy controls at different time points will be analyzed with either mass spectrometry or standard biochemical analyses. Glycan concentrations, expressions and composition will be compared between groups and time points to detect changes associated with the development and progression of the disease.

Expected outcome: New insights into the structure and function of the glycome would enable diagnostic and therapeutic developments and improve the early diagnosis of brain disorders, personalized care interventions. Leveraging on its previous results, PHI is also looking forward to developing cheap and cost-effective blood-based diagnostics kits for early detection of brain disorders.

Type

Partner seeks Consortium/Coordinator



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Ioannis Liakos

Southeastern Research Innovation And Education

ABOUT

SOUTHEASTERN is an independent private educational institution offering a wide range of postsecondary career-oriented programs for the past four decades. Since its creation, SOUTHEASTERN has been focusing on Science, Technology, and Engineering, and Math (STEM) courses, following the rigorous curriculum and syllabi of Boston University. Southeastern is focusing on research and development on a range of research fields, such as energy, environment, health, robotics, materials and others as well as on higher education.

Southeastern Research SA is developing multistage CO₂ capture units from biogas, flue gas, and membrane-intensified systems for carbon dioxide hydrogenation to methanol and ammonia production.

🔗 <https://www.southeastern.edu.gr/>

OPPORTUNITIES

◆ Project Cooperation

Development of bio-inks for 3D printing of scaffolds for tissue regeneration

Development of 3D printable bio-inks with embedded nanotechnology that will stimulate the development of tissue regeneration. Development of antimicrobial and tissue growth scaffolds and 3D bio-printing of medical devices and prosthetics.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

Environmental Health

Environmental studies, relating air pollution and hazardous waste pollution to health effects, such as respiratory, cardiovascular and neurodevelopment diseases and cancer. Epidemiological studies correlating certain air or soil pollutants to health diseases.

Type

Partner seeks Consortium/Coordinator

Ausra Lisinskiene

Vytautas Magnus University

Assoc. Prof.

ABOUT

Vytautas Magnus University is a public institution engaged in providing education at the university level, conducting research, and developing applied research and arts activities. Established in 1922 and ranked between 3% the world's best universities (QS World University Rankings), Vytautas Magnus University is one of the most liberal and modern academic institutions in Lithuania, boasting an exciting history, nurturing and continuing deep-rooted traditions, playing a leading role in not just Lithuanian, but also the entire Baltic and European intellectual and cultural sphere. The academic community of VMU is united by the idea of artes liberales, i.e. the classical university of liberal arts. Vytautas Magnus University, with about 5000 Bachelor and 2000 Master degree students, is one of the most liberal and modern academic institutions in Lithuania.



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15 academic divisions: 10 faculties, Education Academy, Agriculture Academy, VMU Kaunas Botanical Garden, Institute of Foreign Languages and Innovative Studies Institute; 8 departments and 5 other divisions; Students' Representative Council; 7 public enterprises founded by VMU; Aside from 31 BA and MA full-time degree programmes in English, together VMU offers over 106 degree programmes, as well as integrated studies of law and postgraduate and doctoral programmes. The university offers doctoral studies in 18 diverse fields of Humanities, Social, Physical and Biomedical Sciences.

VMU is currently conducting about 180 projects in the fields of education, sociology, philosophy, biotechnology, biophysics, technology law, computational linguistics, language acquisition and bilingualism, creative industries, and others. Researchers of VMU have been engaged as a partners and coordinators in various Horizon 2020 (5 projects at the moment), Jean Monnet, COST, Erasmus+ and NordPlus programmes, as well as research projects within the Global Grant and Smart Specialisation programmes conducted by the Research Council of Lithuania and the European Structural Fund. For more information, please see <http://www.vdu.lt/en/about-vmu/>.

<https://www.vdu.lt/>

Lokman Liv TUBITAK National Metrology Institute Researcher/Head of Electrochemistry Laboratory

ABOUT

TÜBİTAK National Metrology Institute (TÜBİTAK UME) is a research and development institute that operates under the umbrella of the Scientific and Technological Research Council of Turkey (TÜBİTAK).

<https://www.ume.tubitak.gov.tr/>

OPPORTUNITIES

◆ Project Cooperation

HORIZON-HLTH-2024-DISEASE-08-12: Pandemic preparedness and response: Maintaining the European partnership for pandemic preparedness

In case of a possible pandemic, electrochemical sensors can be produced in order to make rapid, selective, accurate and sensitive diagnosis of the relevant disease.

Mini-sized potentiostat/galvanostat instrument compatible with these sensors can be produced.

For this purpose, we produced such a device and computer compatible software during the COVID-19 pandemic period. In addition, sensors specific to the specific proteins of the SARS-CoV-2 antigen and/or antibody that causes COVID-19 were also produced that were compatible with this device. Besides, many different electrochemical sensors were produced by us for the determination of purpose-specific components (transition metals, semi-metals, organic beneficial or harmful compounds) in many different matrices.

Type

Partner seeks Consortium/Coordinator

◆ Project Cooperation

HORIZON-HLTH-2024-IND-06-08: Developing EU methodological frameworks for clinical/performance evaluation and post-market clinical/performance

Fast, selective, accurate and sensitive electrochemical sensors can be produced for the detection of existing and/or possible diseases.

Mini-sized potentiostat/galvanostat instrument compatible with these sensors can be produced.



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For this purpose, we produced such a device and computer compatible software during the COVID-19 pandemic period. In addition, sensors specific to the specific proteins of the SARS-CoV-2 antigen and/or antibody that causes COVID-19 were also produced that were compatible with this device. Besides, many different electrochemical sensors were produced by us for the determination of purpose-specific components (transition metals, semi-metals, organic beneficial or harmful compounds) in many different matrices.

Type

Partner seeks Consortium/Coordinator

Cláudia Louro Kinetikos Health Grants Manager

ABOUT

Kinetikos Health is a research-based SME expert in quantifying and classifying human mobility. We have developed cloud-based software as a medical device (SaMD) that uses data opportunistically generated by wearable or portable consumer electronics such as smartphones and smartwatches.

Our patient App - mKinetikos, monitors mobility, allows completion of mobility tests and patient-reported outcome measures (PROMs) and facilitates medication changes and communication with their clinical team, who can access this information and remotely manage their patients via the Kinetikos web dashboard. Clinicians can see real-time monitoring data and modify prescriptions. Healthcare systems can also benefit by reducing hospital admissions, medication and falls costs through medication adjustment and monitoring of functional mobility and by providing a better service that prioritises the most urgent patients and better manages the clinical staff burden.

We've proven the capability and clinical relevance of continuously monitoring the quality of movement in Parkinson's Disease. Still, it can be used in many other conditions where gait-related metrics can characterise disease severity/progression: such as obesity, depression, chronic low back pain, and others.

In addition to our expertise in biomechanics, AI algorithms, data science, web/mobile solutions, data security, and regulatory pathway for medical devices, we also have experience in funded projects. If you want to get to know us better, let us know: clouro@kinetikoshealth.com

<https://kinetikoshealth.com/>

Raimonds Lozda Rīga Stradiņš University

ABOUT

Reputation leader - Rīga Stradiņš University (RSU) has been recognised as the university with the best reputation in Latvia for four years in a row, gaining the highest rating among the 10 largest Latvian universities according to a study conducted by market research company Kantar TNS in 2017, 2018, 2019, 2020, 2021 and 2022.

Export Champion - Rīga Stradiņš University (RSU) has received the title of Export Champion at the Export and Innovation Awards which the Investment and Development Agency of Latvia organises together with the Ministry of Economics.

<http://rsu.lv/>



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Gabriella Lung-Molnár
Goodwill Pharma Plc
Head of Business Development

ABOUT

Our company, Goodwill Pharma is originally a Hungarian, family owned pharmaceutical company, with offices in Hungary and in the CE Europe-region. Our core business is promoting and distributing pharmaceutical products (Rx, OTC, medical devices, FSMP) and also providing outsourcing services to companies who are willing to enter or strengthen their positions in Europe via Hungary. Beyond sales and distribution support, Goodwill Pharma can offer regulatory, pharmacovigilance and marketing services to its partners.

OPPORTUNITIES

◆ **Project Cooperation**

Hungarian manufacturer in the pharmaceutical industry is looking for R+D cooperation, and is offering contract manufacturing services

The company is originally a Hungarian, family-owned pharmaceutical company. which operates in several countries, such as Hungary, Serbia, North-Macedonia, Montenegro, Kosovo, Albania, Bosnia-Herzegovina, Czech Republic, Slovakia, Romania and Poland.

The company is looking for partners for research and development cooperation in the pharma industry, like common development of medicine dossiers, cooperation in new product development, clinical trials and testing (food supplements, medical devices, medicines, special focus on herbal medicines).

The core business is in-licensing, out-licensing, promoting, distributing and developing pharmaceutical products and also providing outsourcing services in the Central and Eastern European region, to companies who are willing to enter or strengthen their positions in Europe via Hungary. Beyond sales and distribution support, the company can offer regulatory, pharmacovigilance and marketing services to its partners. The company is offering private label contract manufacturing services in EU-GMP environment for small to mid-scale batch sizes (Rx, OTC, FS, FSMP products, solid and liquid forms).

Type

Partner seeks Consortium/Coordinator

Dávid Líška
Matej Bel University
Researcher

ABOUT

Matej Bel University is a public university which achieved university status in 2010 and is a member of the European University Association. The university provides both high quality university and further education by encouraging creative scientific and artistic research. Knowledge is advanced whilst combining the requirements of both scientific developments and practical issues.

As well as educational, scientific and artistic activities, a significant part of creative MBU activities is represented by basic and applied research in cooperation with national and international institutions. The University is a centre of research excellence and scientific and development projects are funded by means of European Structural Funds.

The Department of Physical Education and Sports was founded over fifty years ago, making it one of the oldest departments at Matej Bel University. We focus on preparing future primary and secondary school teachers, university teachers and professionals in the field of sports and physical education.



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Our staff includes more than twenty-nine teachers, including four professors, eight associate professors and seventeen assistant lecturers. In the 2012/2013 academic year, 850 day and external students studied at the department in programmes focused on physical education, sports and coaching.

<https://www.umb.sk/en/>

OPPORTUNITIES

◆ Project Cooperation

Search project cooperation

Scientific and research activities at the Department are based in three scientific disciplines: Sport Kinanthropology, Sport Educology and Sport Humanities.

To support scientific, research and pedagogical activities, the department has established a diagnostic laboratory that is also accessible to various institutions and organizations outside the university.

The Department of Physical Education and Sports is searching partner consortium within Horizon programs mentioned.

Type

Partner seeks Consortium/Coordinator

Maka Maglakelidze

Petre Shotadze Tbilisi Medical Academy

Head of the Department of Institutional Culture Development

ABOUT

Petre Shotadze Tbilisi Medical Academy (TMA) as a student-oriented higher education institution, primarily seeks to teach and develop national and international healthcare professionals in an innovative manner by using evidence-based knowledge, whilst practically benefiting the community in Georgia through research-based outreach activities. The main Goal of Academy is to elaborate independent and critical thinking, scientific reasoning abilities, and reasonable judgments among students, in order to support their development into highly qualified specialists. It is One of the first private medical schools in the history of independent Georgia, taking roots from 1992, which is authorized in accordance to updated national authorization criteria in 2018. TMA's MD program accredited by expert panel headed by WFME expert in accordance to updated National Medicine Sector Benchmarks of Higher Education based on CBME principles in 2020. The diploma is recognized Worldwide.

TMA recognizes and strongly focuses on trans-disciplinary research, with a special focus of brining medicine and art for tackling and understanding complex topics in medical professionalism.

<https://tma.edu.ge/>



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Mihály Makara Dr.
European Prevention and Therapeutic Medicine Foundation
Curator, PI

ABOUT

The foundation was established in 2019 with the aim of raising awareness of the importance of adverse childhood experiences (ACEs), not only for experts in the helping professions, in the social and educational spheres, and in health care, but also for lay adults, parents, and peers.

We want the subject of child abuse, sexual abuse, emotional or physical neglect not to be taboo in our daily lives, if we dare to talk about it, thereby setting an example and providing an interface for abused, neglected children to dare to talk about and dare to ask for help. However, this requires the help of all professionals who come into contact with children, parents, adults around the child and even the help of their peers, that is, a level of collaboration that is able to "retain" children who have experienced adverse experiences, thereby preventing the subsequent negative, adverse health effects of ACEs.

In the future, we want to take steps to promote not only primary but also secondary and tertiary prevention in order to break the cycle of adverse childhood experiences.

OPPORTUNITIES

- ◆ Project Cooperation

The adverse health effects of adverse childhood experiences (ACEs)

The adverse health effects of adverse childhood experiences (ACEs) and their association with alcohol and drug use have been demonstrated in several studies. The first comprehensive research study examining the effects of negative experiences in childhood was published in 1998 in America. The Adverse Childhood Experiences (ACE) Study was created by Vincent J. Felitti, Robert F. Anda, Dale Nordenberg, David F. Williamson, Alison M. Spitz, Valerie Edwards, Mary P. Koss, and James S. Marks. The results show that individuals who cumulatively experienced negative childhood experiences had more health risks later in life. Also, individuals who experienced four or more than four ACEs had a multiple-fold increased risk of alcoholism and drug use compared with those who did not experience such an experience. Several studies have shown the negative effects of adverse childhood experiences on certain psychological factors such as happiness, anxiety, depression, or suicide attempts. However, the occurrence of adverse childhood experiences and their correlations with the above-mentioned factors have not been studied in Hungary so far. The aim of the foundation and our research group is to map the patterns of negative childhood experiences in our country and to explore their lifelong negative effects.

Albino Martins
University of Minho; I3Bs - Research Institute on Biomaterials, Biodegradables and Biomimetics
Assistant Researcher

ABOUT

The 3B's Research Group leads the Headquarters of the European Institute of Excellence for Tissue Engineering and Regenerative Medicine and the TERM Res Hub. The 3B's is one of the most productive (papers & generated IP) and cited groups in PT. Its interdisciplinary research is carried out by an international team (+20 nationalities) of +120 researchers. The activity of the 3B's is based on a new state of the art research facility, which includes wet chemical and biological laboratories, as well as a specific animal facility, intended to support optimal use of facilities for education, outreach experiments, research and technology development.



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Periklis Makrythanasis
**Laboratory of Medical Genetics, Medical School of the National
and Kapodistrian University of Athens**
Assistant Professor

ABOUT

Our laboratory has a Medical Genetics outpatient clinic where patients with rare diseases are diagnosed and followed up, while at the same time, our Laboratory has recently been recognised by the Greek state as the only specialized centre for the genetic diagnosis of these patients. In the future, we want to take steps to promote not only primary but also secondary and tertiary prevention in order to break the cycle of adverse childhood experiences.

 <https://iatrikigenetiki.med.uoa.gr/>

OPPORTUNITIES

◆ Project Cooperation

Carrier screening of autosomal recessive and x-linked disorders

Prevention of autosomal recessive and x-linked disorders is possible but the modalities of a population-wide screening program need to be determined. From the selection of disorders/genes, to the specific laboratory methods that will be used, the population's opinion and the actual burden on all the aspects of a national health system up to the methods that will be used in order to monitor the program's efficiency, need to be evaluated. The project will aim to provide clear guidelines in European level for the creation of such screening programs.

Type

Partner seeks Consortium/Coordinator

Gergely Marton
MindRove
CEO

ABOUT

MindRove develops and commercializes wearable devices for human-computer interfacing, brain-computer interfacing, neurofeedback, physical and mental health tracking, performance boosting and rehabilitation applications. We have expertise in hardware, software development, neurosciences and life sciences. We have a number of research grants, e.g. a neurofeedback application for training astronauts is funded by the European Space Agency, and we are developing a multimodal EEG research device which will be launched to the International Space Station. We are also developing solutions for rehabilitation at the patients' home.

OPPORTUNITIES

◆ Project Cooperation

Horizon Europe Project Consortium

MindRove is looking for partners for upcoming Horizon Europe projects. We have experience in the development and commercialization of wearable devices for human-computer interfacing, brain-computer interfacing, neurofeedback, physical and mental health tracking, performance boosting and rehabilitation applications. Our expertise comprises software development, neurosciences and life sciences. We would be eager to join or manage a partnership which can utilize these skills, for example (but not limited to) one that aims to develop telemedicine systems. Our strong collaboration with the Research Centre for Natural Sciences (Hungary) allows us to undertake management roles if needed.



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Mária Marušiaková

Comenius University Bratislava; Jessenius Faculty of Medicine in Martin

Lector

ABOUT

Faculty of Medicine - Department of Public Health

- is engaged in teaching students in the field of public health and focuses its scientific and research activities on prevention, protection and promotion of the health of the population, its integration in the living and working environment and on the detection of nox/pollutants in the prevention of diseases, including non-communicable diseases.

Scientific-research activity at JFMED CU in Martin consists of:

- projects of national grant agencies APVV (Slovak Research and Development Agency), Ministry of Health of the SR, VEGA (Scientific Grant Agency) and KEGA (Cultural and Educational Grant Agency) and MŠVVaŠ SR (The Ministry of Education, Science, Research and Sport of the Slovak Republic) -

projects supported by grants of Comenius University in Bratislava

- projects of international cooperation - the involvement of students of JFMED CU in research activities within ŠVOČ (Students' Scientific Research Activity) and support of research within doctoral studies

- organization of faculty scientific conferences.

Scientific- research activity is based on the objectives that have been defined in details in the Long-term development plan of JFMED CU for the period 2014-2024. Current specialization in research is concentrated into several complex areas:

- Oncology

- Molecular Biology

- Neuroscience

- Respiriology

Research in this area focuses a significant portion of the human and economic capacities of JFMED CU and substantially contributes to the creation of results of the scientific-research activities and increases qualification of JFMED employees.

 <https://www.jfmed.uniba.sk/en/>

Małgorzata Małgorzata

MEDAPP SPÓŁKA AKCYJNA

ABOUT

MedApp is a technology company operating in the field of digital healthcare with core competencies in XR (MR, AR) solutions, AI and Big Data analysis.

MedApp is distinguished by strong R&D team with recognized PhD researchers and engineers. The company is repeatedly awarded for its technological achievements. The company offers unique, CE-marked and certified as medical device in class IIb, software to support diagnostic imaging and next-generation telemedicine. MedApp S.A. is among the few Polish companies that have so far obtained the FDA approval. MedApp is expanding portfolio of products and services focusing on global commercialization to meet the unmet needs in digital healthcare and explore new areas of application. MedApp is distinguished by the use of mixed reality and artificial intelligence, an experienced team focused on global commercialization, an international portfolio of customers and well-established cooperation with international partners - Johnson & Johnson, GE Healthcare, Microsoft, Google and OVHcloud.

<https://medapp.pl/en/>



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OPPORTUNITIES

◆ Project Cooperation

Advanced telemedicine platform for remote health monitoring

We offer advanced telemedicine platform with integrated medical devices for remote health monitoring. The solution is a comprehensive tool that streamlines healthcare processes, enhancing patient convenience and medical staff efficiency.

With our platform, patients can consult with doctors or healthcare specialists online, eliminating the need for in-person visits. Through remote patient monitoring, doctors receive comprehensive information about their condition between appointments. Our platform also supports medical facilities by enabling patient management, registration, medical documentation, and appointment scheduling.

Currently, we are seeking partners who can support us in expanding the functionality of our platform. We can help as a member of consortium in the following activities within the project: software development, device integration, testing..

Type

Partner seeks Consortium/Coordinator

Patricia Merei
Semmelweis University
Project manager

ABOUT

Semmelweis University (SU) is a non-profit educational and research organization. In Hungary and the Central European region Semmelweis University is one of the leading institutions, as well as its international academic rank is remarkable. Semmelweis University, reaching a prestigious position of 102 is the only Hungarian institution on the list of the top 200 most international universities in the world. The list, published by the Times Higher Education is based on the results of the "international outlook" indicator, which takes the international to domestic students and staff ratio and international collaborations into account.

In terms of research achievements and the rank of a publication activity the Semmelweis University is the leading university in the medical field in Hungary and it has a cumulative impact factor of more than 2,000 per year.

🔗 <https://semmelweis.hu/>

OPPORTUNITIES

◆ Project Cooperation

Microbiome excellence centre

SEMMEWEIS UNIVERSITY, FACULTY OF MEDICINE <https://semmelweis.hu/mikrobiologia/en/about-us/is> open to join hop-on projects and WIDERA HE on microbiology. We are doing research with various microorganisms, pathogens and our researchers are accredited PhD supervisors. We also offer Postgraduate courses in Medical microbiology and Clinical microbiology, our Institute is actively involved in theoretical and practical education.



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Andrej Minich

Medirex Group Academy n.p.o.

ABOUT

MEDIREX GROUP ACADEMY is a non-profit organization whose activities are focused predominantly on science and research in biomedicine as well as on supporting education.

Our goal is to search for new biomarkers, preventive, diagnostic and therapeutic procedures with the potential to implement the know-how from science and biomedical research into diagnostic and therapeutic practice. With regards to the rapid development of technological infrastructure and information and communication technologies (ICT), we are aware of the need to link biomedical research with bioinformatics. Last but not least, the implementation of multidisciplinary research across various fields related to biomedicine is also among our priorities.

<https://www.medirexgroupacademy.sk/>

OPPORTUNITIES

◆ Project Cooperation

Big data and cooperation

Big data analytics can analyse large volumes of patient data to identify patterns, trends, and risk factors associated with diseases. This enables healthcare providers to develop predictive models that help in early detection, prevention, and intervention strategies. By leveraging big data, healthcare organizations can proactively identify individuals at high risk of developing certain conditions and implement targeted interventions to prevent or manage diseases more effectively.

Big data analytics enables a more personalized approach to healthcare by analysing patient-specific data such as genetics, medical history, lifestyle factors, and treatment outcomes. This data-driven approach can assist clinicians in tailoring treatment plans, medication dosages, and interventions to individual patients, optimizing the chances of successful outcomes while minimizing adverse effects.

Type Partner seeks Consortium/Coordinator

Ahsen Morva Yilmaz

TUBITAK MARMARA RESEARCH CENTER

Senior Researcher

ABOUT

The Scientific and Technological Research Council of Turkey (TUBITAK) is responsible for promoting, developing, organizing, conducting and coordinating research and development in line with national and international targets and priorities. In this context, TUBITAK supports innovation, academic and industrial R&D studies, develops scientific and technological policies and manages R&D institutes, carrying on research, technology and development studies.

We are a public research institution with a view to conduct basic and applied original research in molecular and cellular biology. Actively operating in the areas of animal, plant, enzyme, medical biotechnology and bioinformatics, the researchers are expertized in biotechnological drug design and development, in vivo and in vitro testing of drug candidates, cancer biomarkers, nanoparticle based cancer diagnosis and treatment/nanocarrier systems, vaccine design and development, biological evaluation of biomaterials and medical devices, toxicological characterization

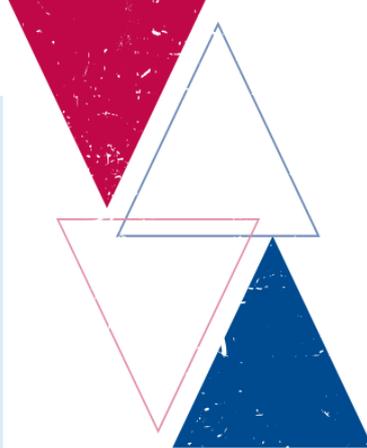
of environmental wastes, food residues, cosmetics and chemicals, development of 3D in vitro models as alternatives to animal tests, tissue engineering and regenerative medicine, and immune response and signalling pathways in pathophysiology of human diseases. We are highly experienced in cellular and molecular pathways of pro-/anti-inflammatory responses and immune regulation processes implicated in the pathophysiology of autoimmune diseases and infectious diseases in adults and neonates.

Our technical fields of competence are:



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- In vitro cell culture (peripheral or cord blood/tissue primary cell culture, cell lines)
- Cell enrichment, Cell sorting (Magnetic isolation, FACS)
- Multicolour flow cytometry analysis
- Mass cytometry sample preparation and data analysis
- ELISA techniques
- Western Blot
- Cell-based and molecule-based functional assays
- In silico B cell T cell epitope prediction
- Molecular docking studies



OPPORTUNITIES

◆ Project Cooperation

Screening of new diagnostic and preventive tools in non-communicable diseases or infection diseases

TUBITAK make already part of a consortium created in the context of HORIZON-HLTH-2023-DISEASE-03-07: "Relationship between infections and noncommunicable diseases". We are interested in immune response evaluation in infectious and non-communicable diseases, especially in immune regulation and inflammation signalling pathways within the scope of screening new immunotherapeutic and immunopreventive biomarkers. Parallel to experimental expertise, we have access to a large network of clinical partners. Thus we are seeking to meet partners in the new calls to exchange expertise areas.

Type

Partner seeks Consortium/Coordinator

Consortium/Coordinator seeks Partners

Rostyslav Musiy

Department of Physical Chemistry of Fossil Fuels InPOCC, NAS of Ukraine

Ph. D (Chem. Sc.), senior staff scientist

ABOUT

Renewable energy sources // Solar devices// for people's health and life.

Own development, manufacture, implementation of devices that work on solar energy:

- to ensure the healthy life of people and
- for food preservation
- environmentally friendly drying of vegetables, fruits, medicinal herbs, grains, fish, mushrooms, etc.

We manufacture Solar Thermal Air Collectors (STAC) and Solar Dryers used for:

- drying of various products and materials;
- ventilation and partial heating of various premises;
- water heating and air cooling when using additional equipment.

For this STAC, photovoltaic batteries and drying chambers of various purposes are used. STACs come in a variety of shapes and sizes. They can be used in the design of facades, roofs of buildings and other structures.

Use of such solar devices:

- allows you to create a good microclimate to ensure human life (especially in the areas most affected by natural disasters - drought, floods, earthquakes, wars, etc.);
- will protect people's health from environmental pollution



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- pollution of air, water, noise, light and hazardous waste;
- will ensure access to innovative, sustainable and high-quality health and care for people in vulnerable situations.

OPPORTUNITIES

◆ Project Cooperation

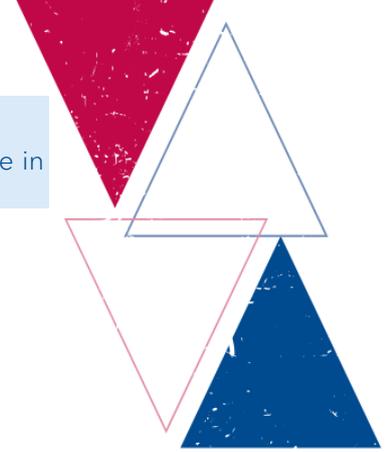
Renewable energy sources // Solar devices// for people's health and life.

We are looking for:

- partners working in the field of renewable energy to write joint projects.
- consortia to join as a partner.

Type

Partner seeks Consortium/Coordinator



Vasile Musteata

Institute of Oncology, N. Testemitanu State University of Medicine and Pharmacy

Associate professor

ABOUT

The mission of Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova is to offer excellent services in education, research, medical assistance and professional formation throughout the entire career, with permanent emphasis on ensuring quality and promoting the most important national values in the context of globalization.

Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova is a nationally and internationally recognized competitive institution in the field of higher medical and pharmaceutical education, postgraduate studies (Residency program and Continuing Medical Education), scientific research and medical-pharmaceutical services, that puts a strong focus on quality, excellence, access and collaboration.

🔗 <https://www.usmf.md/ro>

OPPORTUNITIES

◆ Project Cooperation

Treatment-free remission in chronic leukaemia's

The researches are axed on finding the criteria for treatment discontinuation in chronic leukaemia patients with complete response, as well as on evaluation of the clinical-laboratory profile and global disease burden of relapses.



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Benjámín Nagy
Goodwill Pharma Plc.
Business development manager

ABOUT

The company is originally a Hungarian, family-owned pharmaceutical company, which operates in several countries, such as Hungary, Serbia, North-Macedonia, Montenegro, Kosovo, Albania, Bosnia-Herzegovina, Czech Republic, Slovakia, Romania and Poland.

The company is looking for partners for research and development cooperation in the pharma industry, like common development of medicine dossiers, cooperation in new product development, clinical trials and testing (food supplements, medical devices, medicines, special focus on herbal medicines).

The core business is in-licensing, out-licensing, promoting, distributing and developing pharmaceutical products and also providing outsourcing services in the Central and Eastern European region, to companies who are willing to enter or strengthen their positions in Europe via Hungary. Beyond sales and distribution support, the company can offer regulatory, pharmacovigilance and marketing services to its partners. The company is offering private label contract manufacturing services in EU-GMP environment for small to mid-scale batch sizes (Rx, OTC, FS, FSMP products, solid and liquid forms).

 <https://goodwillpharma.com/>

Florentin Nitu
Genetic Lab
Research Scientist, PhD

ABOUT

GeneticLab is the pioneer of genetic analysis in Romania, with over 22 years of experience in genetic testing. Our accumulated expertise allows us to deliver DNA testing services in accordance with the highest international standards.

- Hereditary Cancer Panel Screening
- RT-PCR Sars-CoV-2
- PGS, Veriseq-Illumina, Embryomap-Vitrolife
- Non-invasive paternity
- NIPT
- Sanger sequencing

 <https://geneticlab.ro/>



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Savvoula Oikonomou

Huemaniser

ABOUT

We are a team of experts dedicated to promoting equality and sustainability. We specialize in providing consulting services for individuals and organizations committed to making a positive impact.

We work with a range of clients, focusing on women & LGBTQ+ entrepreneurs, non-governmental organizations, Higher Education Institutions, activists, local organizations, and Small & Medium Enterprises, to help them access funding and capacity building.

We provide proposal writing and we can also lead Communication & Quality work packages. Finally, we can provide Gender Equality Assurance for the project.

<https://www.huemaniser.com/>

OPPORTUNITIES

◆ Project Cooperation

Expert consulting & proposal writing for project development.

Our team has extensive experience in project development and proposal writing, and we are equipped to lead work packages related to communication and quality.

We provide:

- proposal writing
- consortium building
- proof reading/editing
- WP leading
- Ethics
- Sustainability

We can also lead and provide Gender Equality Assurance for the project, which adds value to the overall project evaluation. We have worked with a range of organizations in successful projects, including non-governmental organizations, Higher Education Institutions and Small & Medium Enterprises.

Type

Partner seeks Consortium/Coordinator



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Alican Oktay

Borda Technology

ABOUT

As Borda Technology we are developing IoT solutions for 16 years for helping people accessing better healthcare services that could lead to saving lives with "IoT for Healthcare" motto. Our asset, patient, staff and facility based solutions are being used for 50 M sqft hospital space with 20.000 bed capacity and 1M healthcare equipment. Until today, with our patient-focused solution, the preparation time of the patients for surgery decreased by 14%, the postoperative hospital stay was reduced by 15%, and the efficiency of the delay rate of the surgeries was 5%.

With our equipment and personnel solutions, the counting speed of equipment has increased 12 times, wrong positioning has decreased by 90% and cases such as loss/theft have decreased by 24%. In addition, the registration time of the new equipment was increased by 50%, and the speed of finding the wanted equipment was accelerated by 94%. So, thanks to our IoT-based solutions, healthcare professionals, whose workload decreased, spent more time with patients. In this way, the quality of health services in the hospitals that we served has increased.

<https://www.bordatech.com/>

OPPORTUNITIES

◆ Project Cooperation

IoT and AI Expertise for Healthcare

As a leading R&D company in the healthcare sector, Borda Technology is dedicated to transforming the industry with our innovative solutions. We believe that the true transformation in healthcare will be achieved with the transition from digital health to smart health, where operations are not only managed digitally but also assisted by artificial intelligence.

At Borda Technology, we have developed a range of products that are the result of our extensive R&D projects, including PATIENT, ASSET, STAFF, and FACILITY management systems. Our products are currently being used in over 15 different countries, covering more than 5,000,000 square meters of hospital area, over 20,000 bed capacity, and managing over 1,000,000 healthcare assets. We have been recognized for our innovative solutions by various organizations worldwide. Some of our most notable awards include the Intelligent Health Association IoT Solutions to Transform Healthcare: 2020 Winner, RFID Journal Best healthcare RFID/IoT Implementation: 2020 Runner Up, Fast Company IoT Awards: 2020 Top 3, and Fast Company 50 Most Innovative Companies. As a leading R&D company in the healthcare sector, Borda Technology is dedicated to transforming the industry with our innovative solutions. We believe that the true transformation in healthcare will be achieved with the transition from digital health to smart health, where operations are not only managed digitally but also assisted by artificial intelligence.

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Type

Partner seeks Consortium/Coordinator



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Cristina Oliveira
NOVA Information Management School
Executive manager of the Information management Research Center

ABOUT

NOVA Information Management School (NOVA IMS) was founded in 1989 and is currently recognized in Europe as a reference institution in the area of data science. NOVA IMS has about 3.000 students enrolled in 10 awarding degree programs, four of them ranked in the world's top 4 of the Best Masters Ranking 2022 by Eduniversal.

Our research is structured around four research streams (Geoinformatics, Data Science, Information Systems, and Marketing) with a team of 80 senior and junior professors and researchers, some of them appearing in the 2022 top 2% and top 1% Scientists List provided by Stanford University. In the pursuit of excellence and interdisciplinary, NOVA IMS has already an extensive experience in research projects, with over 40 national and international ongoing projects, 19 of them funded by the European Commission.

🔗 <https://magic.novaims.unl.pt/en/>

OPPORTUNITIES

◆ Project Cooperation

Expertise offer in Artificial Intelligence and Machine learning

We have an already established track-record in applying our knowledge in data science, machine learning and artificial intelligence to the medical field, with participation in national and international projects. Particularly can contribute to the following tasks:

- Advance the state of the art in multi-scale modelling by employing diverse modelling methodologies (such as artificial intelligence) for modelling the healthy state, disease onset, progression, treatment and recovery;
- Designing and implementing prediction algorithms for treatment outcomes, based on artificial intelligence and machine learning;
- Providing clinicians with real-time imaging and data analysis for understanding and diagnosing diseases, facilitating risk assessment, prevention, and carrying out medical interventions with improved patient safety;
- Integration of health data from multiple sources by linking real-world and clinical research data.

For more information about our expertise, please visit <https://magic.novaims.unl.pt/en/> and contact: magic@novaims.unl.pt.

Type

Partner seeks Consortium/Coordinator



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Ozan Onuktav
Sun Tekstil
R&D Specialist

ABOUT

Founded in Turkey in 1987, Sun Tekstil is one of the biggest textile producer and exporter in Turkey. With our R&D Center approved by Turkish Government in 2013, we aspire to improve people's life through technical textile integrated products. Understanding needs and pain points, designing user friendly solutions, building strong collaboration for market oriented products and delivering innovative B2B or B2C solutions are our core values. Our aim is to develop new products, processes and technologies in the fields of innovative apparel and technical textiles since our establishment.

We govern our work areas and build our projects according to the strategies of all Sun Group Companies that we serve as R&D provider. We aspire to develop and accomplish innovative solutions for our focus industries and potential markets. Up to now, Sun Tekstil R&D Center has successfully completed more than 250 projects. At the moment, we carry more than 30 projects that are founded by both internal and external resources. These external sources are TUBITAK (The Scientific and Technological Research Council of Turkey), Republic of Turkey Ministry of Industry and Technology, Manunet, Eurostars and Horizon Europe. We have two ongoing Horizon Europe projects; PLASTICE and TORNADO.

<https://www.suntekstil.com.tr/>

Iulia Oprita
National Institute R&D for Biological Sciences
Senior Researcher

ABOUT

The research activity carried out by NIRDB under the auspices of a visible international research brand - "the laboratories of life" - is carried out within the 3 pillars which are the main research areas of the institute:

1. Biomedicine/Health;
2. Environment and biodiversity;
3. Agriculture, food and nutrition.

Development of technologies for obtaining new 3D biomaterials (based on extracellular matrix components) as scaffolds and controlled delivery systems of bioactive compounds used in regenerative medicine; Testing of their cytotoxicity, genotoxicity and biological activity using in vitro experimental models; Development of new technologies for obtaining biologic active compounds from various sources for use in tissue engineering; Development and characterization of new multifunctional bioactive (nano)structures with medical applications (antiinflammatory, antimicrobial and antitumor); In vitro preclinical screening of new products and biotechnological processes with low cytotoxicity and genotoxicity and antitumoral potential.

<https://www.incdsb.ro/en/>



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Mariana Pacheco Blanco

AMIRES

ABOUT

AMIRES is a consulting company for research, development and innovation projects. Our main strength is the creation of new international sustainable partnerships within innovation focused value chains. Our developed projects remain the main enablers for our industrial clients and their growth and provide the important opportunities for R&D community.

We are specialized in creation of consortia of partners with common aim for product or service innovation with significant potential for know-how commercialization. Unique and profound knowledge of the European public funding environment (e.g. Horizon 2020 and Horizon Europe) as well as broad network of market key-players contribute to the high quality of entrusted projects. We follow projects from their initiation and planning, through negotiation, execution and management to the final stage, where exploitation of a new technologies, products or services is facilitated.

For our clients, we provide also external relations activities towards European funding institutions (e.g. European Commission, Joint Technology Initiatives (JTIs), Executive Agencies) and other international bodies (e.g. European Technology Platforms and clusters).

AMIRES supports the Department of Biomedical Engineering and Measurement at TUKE in Slovakia, whose main interests include the development of biodegradable materials such as polymers, composites, and others, development of instrumentation for additive manufacturing (production /printers) in clinical settings, bioreactors and quality measurement of filaments, composite structure, and ceramics. The members of the department have experience in collaborating in National projects, however they search to increase their collaboration with European organisations in the Horizon Europe framework.

The Department of Biomedical Engineering and Measurement at TUKE welcome organisations to partner in new endeavours to reach wider impacts on tissue engineering, implantology and regenerative medicine.

<https://www.amires.eu/>

Thomas Parissis

Stratagem Ltd

Chief Operations & Business Development Manager

ABOUT

STRATAGEM Ltd is an independent Research and Innovation SME committed to work on research and innovation projects towards sustainable development in various areas and sectors. STRATAGEM provides insightful, timely and focused research on sustainable solutions along with Business services. STRATAGEM is comprised by an expert team of high qualified Researchers and Innovation Managers focusing to provide and offer first class R&D&I services. STRATAGEM is implementing sustainable development and research projects relevant to Sustainability (including LCA, LCC, Social LCA etc), Community Engagement, Dissemination & Communication. STRATAGEM also offers services targeting technology transfer, business development, project coordination and implementation. It also provides a holistic approach in Innovation management, with an exclusive team based on Exploitation strategies for research results and innovative products, including the development of Ecosystem/Innovation Business Models, Business plans, commercialization plans, Go-To-Market Strategies, as well as effective and targeted Stakeholder Engagement, Project branding, Dissemination & Communication.

Finally, STRATAGEM is seeking innovation excellence in Technological and Research aspects, developing new ideas and concepts on various sectors. We are in close collaboration with various institutions spread all over Europe, having already an established & growing Network of Research Centers, Universities, Municipalities, Hospitals, Associations, Authorities, critical Infrastructure and Industrial entities and Innovative SMEs, securing funding from National, European and private funds, having already participated in 40 EU and National Funded research and innovation projects and currently implementing 5 H2020 and 7 Horizon EUROPE projects. STRATAGEM already participates in a Horizon EUROPE project relevant to Health and Indoor Air Quality (TwinAIR).

<https://stratagem.com.cy/>



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OPPORTUNITIES

◆ Project Cooperation

Collaboration in Research proposal under HEALTH Horizon Europe calls offering our expertise on LCA, Innovation Management & Dissemination & Communication.

We are interested in collaborating on concept/proposal development in the next HEALTH Horizon Europe calls 2024-2025 offering our expertise on Sustainability Impact assessment, Life Cycle Analysis (LCA) including Economic LCA (LCC) and Social LCA (s-LCA), SSH, clustering, ecosystems development, business model development, Dissemination, Communication, Exploitation and Innovation Management, our expertise in Consortium Building and concept development and our broad network of quality research partners in Europe (Universities, Research Institutions, Hospitals, SMEs, Large Enterprises, Public Authorities/Ministries/Municipalities).

We are already participating in a HEALTH Horizon EUROPE project and we have already collaboration with Hospitals, health entities and organisations.

We can support also by bringing valuable partners (research, technical providers, end users, demonstration/pilots etc) and depending on availability of human resources, by leading the write up of Section 2 Impact during proposal phase.

Type

Partner seeks Consortium/Coordinator

Bárbara Patrício

Data CoLAB

Program Manager - Health & Pharma

ABOUT

Data CoLAB, recognized as a collaborative laboratory, is a non-profit private association, which resulted from a joint initiative of private companies, higher education institutions, research units and local administration. We aim to bring emerging knowledge and technologies closer to the market needs through the development and implementation of data-oriented solutions.

Our mission is to develop an intersectoral ecosystem with multidisciplinary stakeholders that will use data to reshape the way we produce, consume and live. Data CoLAB operates across the data value chain to provide services to citizens, companies and the public sector, actively contributing to their digital transformation.

Data CoLAB's main activity clusters are (i) Health and Pharma; (ii) Energy, Oceans and Communities; (iii) Agriculture, Forestry and Biodiversity; (iv) Industry and Maintenance.

Services

Data acquisition; Database management and data sharing; Data analytics and intelligence; Data traceability; Data compliance and integrity; Decision support services; Standardization and interoperability; Cybersecurity activities (threat analysis); Training.

🔗 <https://datacolab.pt/>

OPPORTUNITIES

◆ Project Cooperation

Cooperation on activities across the data value chain

Data CoLAB would be keen to participate as a partner in a consortium providing expertise in AI; data analysis, intelligence, acquisition, management, analytics, and sharing; digital technologies and industry transition within the Health and Pharma sector.

Type

Partner seeks Consortium/Coordinator



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Raivotech

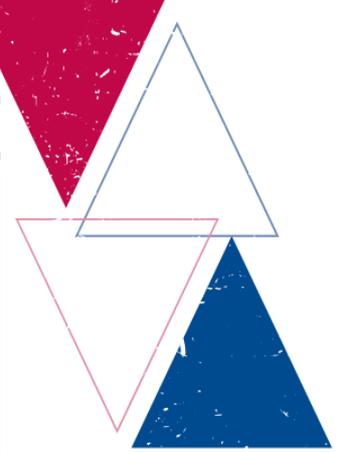
ABOUT

Raivotech is a company founded in 2021, based in Greece, and is active in the technology sector and specifically in health applications, creating software for smart wearable devices.

Raivotech is a startup company specializing in software development for the collection and analysis of medical data. Our mission is to revolutionize healthcare by offering a comprehensive and user-friendly system that seamlessly collects data from various smart devices.

Through our platform, we empower both patients and medical professionals by providing insights into vital signs, activity levels, sleep quality, and more. Our two-fold platform allows remote patient surveillance, through which medical professionals, research institutes, pharmaceutical companies and more can remotely interact with and receive information about their patients or research subjects.

<https://raivotech.com/>



Devrim Pesen Okvur Initio Cell

ABOUT

INITIO Cell Biyoteknoloji A.S. was founded in 2021 to develop organ-on-chip devices and assays for precision medicine. Our products enable pharma/biotech companies transform their drug development via functional rather than descriptive tests. Unlike existing solutions, our products determine the metastatic potential and the metastasis sites, determine drug dose response with 10-fold reduced cost, create value for both diagnostics and therapy. From cancer to antibiotic resistance, our products and services reduce the need for animal testing and provide low cost solutions. Initio Cell's long-term goal is to have a sustainable drug discovery process implemented via collaborations with both academia and biotechnology and pharmaceutical industries. In the short term, we plan to provide existing and new products and services to our customers. Products and services include: Disposable OOC devices for drug discovery, CRO services and image analysis services. We have two OOC platforms on the market: DDI-chip (distance dependent interactions) and IC-chip (invasion-chemotaxis). We are developing two new OOC platforms, one for determining drug response in combination therapy and one advanced modelling of healthy and disease microenvironments.

<https://www.initiocell.com/>

OPPORTUNITIES

- ◆ Project Cooperation

Organ-on-chip

Organ-on-chip also known as microphysiological systems mimic the in vivo microenvironment and present great in vitro models, contributing to the 4Rs. Compatible to work with liquid and solid biopsy samples enables realization of precision medicine.

Type

Partner seeks Consortium/Coordinator



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Anatoly Petrenko
Igor Sikorsky Kyiv Polytecnic Institute
University professor

ABOUT

ASA (Institute for Applied System Analysis) of NTUU "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine) researchers have significant experience in the research and development of resource management and scheduling policies applied to distributed systems. Now their efforts are focused on creating a concept of developing service systems for solving practical tasks of an interdisciplinary nature in a distributed intellectual environment based on the ontology of subject areas, which contributes to the implementation of the Internet of Things and includes a rational architecture for the selection of service systems, their models, methods of web service compositions and their search in the network when implementing service systems of various purposes (in particular, for e-Health).

NUKPI is one of the oldest and biggest technical universities in Ukraine and Europe. System Design Department's specialists have taken part in important international programs and contracts executing: EU project № 269295 "EduMEMS - Developing Multi-domain MEMS Models for of Educational Purposes" (partners organizations are from France, Belgium, Poland); EC INCOCopernicus Program (Project PL 96 1046) on Multimedia Education: "An Experiment in Distributing Computer Based Learning Material" in Partnership with Bristol, Wroclaw and Hamburg Universities; projects 1636 and 3278 of Scientific and Technology Center of Ukraine (STCU), direct contracts with Intel, Panasonic, General Electric and South Korean SeoduLogic Companies. IASA researchers specialize in integrating Grid and Cloud-Enabled Environments and, in the development, and adaptation of parallel algorithms for the design of complicated non-linear dynamic systems. They are experts in various CAD techniques, system simulation and optimization, large-scale systems design and simulation, numerical algorithms, VLSI design; web-based design, and expected to bring this knowledge to EU host.

We are looking for partners for the project "TOOLS FOR DIGITALIZATION OF PUBLIC AND MEDICAL SERVICES"

OPPORTUNITIES

◆ Project Cooperation

Highly innovative new services via the EOSC for mHealth Platform

The main goal of the project is to provide customers with a set of highly innovative new services via the EOSC (European Open Science Cloud) and to develop a unified approach to designing software applications based on the use of the SOA (Service-Oriented Architecture) paradigm using of AI methods to enhance the efficiency and reliability of applications. This approach is based on building a Repository of weakly connected healthcare services that were created in advance from which even a non-IT specialist can simply collect particular medical applications he needs in the no-code/low-code mode based on the chosen computing or treatment scenario. Therefore, it is worth implementing the service core of the medical platform "Clinic in the Cloud" with a wide range of applications: from intelligent data analysis to disease diagnosis, from business analytics tasks to participation in smart home management.

Type

Partner seeks Consortium/Coordinator



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Ana Pinto
Clinical Academic Center Egas Moniz Health Alliance (EMHA)
Clinical Project Manager | Researcher

ABOUT

EMHA is a Portuguese consortium between the University of Aveiro (UA) and 4 Local Units of Health (ULS): Região de Aveiro (ULSRA), Entre o Douro e Vouga (ULSEDV), Vila Nova de Gaia/Espinho (ULSGE) and Matosinhos (ULSM). The consortium aims at the advancement and application of knowledge and scientific evidence for the improvement of health.

 <https://www.emha.pt/>

OPPORTUNITIES

◆ **Project Cooperation**

Educational activities with children, adolescents and families

Fábrica Science Centre is available to participate as a partner in a consortium providing expertise in dynamization of science activities for families, children and young people. It can work as a vehicle to disseminate health information through its school network in Portugal. For instance, Fabrica is an important partner of the health literacy project "Let's learn about cancer". Feel free to contact us: anapinto@ua.pt

Diogo Pinto
CoLAB TRIALS - Collaborative Laboratory for Innovation in Clinical Trials
Cooperation and funding manager

ABOUT

The CoLAB TRIALS is a Portuguese private non-profit organization aiming to promote innovation in clinical trials/clinical research. Our mission is to support partners and other stakeholders on: i) clinical validation/evaluation of health technology products (medical devices, IVD, biologics (including ATMP)); ii) design of clinical and pre-clinical studies and regulatory pathways; iii) community literacy in clinical trials; iv) capacitation of clinical teams in trials' project management; and v) access to real-time and real-world clinical data for sharing and reuse according to FAIR principles and the GDPR.

 <https://colabtrials.pt/>

OPPORTUNITIES

◆ **Project Cooperation**

Expertise offer on clinical trial design and implementation, regulatory issues, tech-to-market

CoLAB is interested in joining consortia as: 1) single entity, offering expertise in clinical trial/study design, developing regulatory roadmap towards CE marking, support on tech transfer to the market; 2) along with its associates (either as main beneficiaries or affiliated entities), with expertise in clinical trial/study implementation and monitoring, access to patients in hospital and daycare/nursing home settings, research and analytical facilities in multiple healthcare domains.



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Dace Pjanova

Riga Stradiņš University

ABOUT

Riga Stradiņš University (RSU) is one of the largest entities in the Baltic States in medicine, health science and pharmacy. RSU holds a unique place in Latvia's scientific field, providing an entire research cycle from laboratory to hospital bed. The research team in the Institute of Microbiology and Virology at the RSU has experience in virus infection and cancer research and currently is dealing with immune cell profiling.

<https://www.rsu.lv/en/>

OPPORTUNITIES

◆ Project Cooperation

Immune cell profiling in course of viral infections and cancer

We are using in vitro different cell culture models (co-cultures) and in vivo animal (SARS-CoV-2, influenza as virus and, predominantly, melanoma as cancer) models to follow disease progression and perform comprehensive cell profiling. This include gene expression analysis at the transcriptome level, multicolour microscopy, immunity related cell composition analysis in blood and solid tissues using sophisticated flow cytometry panels as well as immune-associated molecular analysis e.g. cytokines and chemokine etc. We have the access to patient material as well.

Lydie Plecítá

Institute of Physiology, Czech Academy of Sciences

Scientist

ABOUT

Institute of Physiology of the Czech Academy of Sciences (IPHYS) is one of the leading research institutions in the Czech Republic. The Institute is engaged in research in the field of normal and pathological physiology, with the main focus on: • nervous system and brain • cardiovascular system • specific aspect of metabolism. The main goal of the research is to characterize the mechanisms of development of serious human diseases, such as vascular and cerebrovascular accidents, ischemic heart disease, diabetes, inherited metabolic disorders, and neurodegenerative diseases. The Institute works closely with hospitals to link research findings to clinical applications in the treatment of selected pathologies. The Institute collaborates with renowned laboratories abroad.

<https://fgu.cas.cz/>

OPPORTUNITIES

◆ Project Cooperation

Healthy pancreatic islets

As a research laboratory, we provide biochemical, molecular and morphological analysis of pancreatic islets and beta cells from any source. Our institute is equipped with devices for proteomic and lipidomic analysis of various samples. We are also able to study insulin secretion after any stimulus in whole rodents. We are investigating the role of immunomodulation in the development of type 2 diabetes in relation to redox status (degree of oxidative stress) at both local (pancreatic) and systemic levels. We collaborate with the experimental and clinical part of the Institute of Clinical and Experimental Medicine (IKEM), which transplants islet cells to people with diabetes.

So we provide expertise at a more experimental level, while the IKEM has extensive clinical experience in the treatment of diabetes. We have experience with a project funded by the National Recovery Plan (2022 - 2025): the National Institute for Metabolic and Cardiovascular Disease Research (CarDia) project, whose main objective is to contribute to more effective management of the epidemic of diseases of civilization as leader of a work package. The Pancreatic Islet Research Laboratory was opened in January 2023 as a start-up laboratory to support young scientists. For this reason, it has not yet been involved in a project under the Horizon Europe program.



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Maria Pournari

COO EDIH Health Hub | Proposal and Networking Manager - iED

Institute of Entrepreneurship Development

ABOUT

Institute of Entrepreneurship Development (iED) is a Greek NGO committed to the promotion of innovation and the enhancement of the entrepreneurial spirit. Established in 2005, iED has participated in the planning, implementation and dissemination of more than 280 National and European projects, it is a certified leading Center of Excellence in European entrepreneurship and a fast-growing Digital Innovation Hub, that recognizes entrepreneurship as a crucial factor for the future of sustainable development and cohesion of societies.

It conducts research and provides innovative solutions that facilitate the growth of entrepreneurship and promote employment. iED is also the Coordinator of the European Digital Innovation Hub (EDIH) "Health Hub: Healthcare and Pharmaceutical Industry Transformation through Artificial Intelligence Digital Services", which acts as a one-stop-shop helping companies in the Health & Pharma sector boost their outreach, precision, innovation and networking efforts, partnering in their digital transformational journeys.

 <https://ied.eu/>

OPPORTUNITIES

◆ Project Cooperation

CARE-04-04-two-stage - Access to health and care services for people in vulnerable situations

The idea is currently being discussed and we have on board one of Greece's largest healthcare providers to address the difficulties the LGBTIQ community faces concerning their access to healthcare services.

Ana-Maria Prelipcean

INCDSB Bucharest, Romania

ABOUT

The main research areas of the institute are:

1. Biomedicine / Health (cellular and molecular biology; molecular dynamics and flow cytometry; physiology and biochemistry; medical biotechnologies).
2. Environment and biodiversity (taxonomy, palynology, ecogenomics, assessment of environmental risk factors; characterization of natural, agricultural and anthropogenic ecosystems as well as environmental factors that affect the status of these ecosystems; remediation, restoration and conservation)
3. Agriculture, food and nutrition (plant biology; plant and agricultural biotechnologies; food supplements - substantiation, obtaining, formulation, characterization, traceability, safety).

My research interests are in the field of cell-material interactions by means of:

- (i) biomaterials processing and characterization techniques for bone tissue engineering (robocasting, SEM, AFM),
- (ii) cell culture methods (isolation of human and animal primary cells, in vitro cytotoxicity, fluorescence-microscope) and
- (iii) microbiological techniques (investigation of therapeutic or prophylactic alternatives for fighting pathogens (i.e. vegetal extracts, probiotics).

 <https://www.incdsb.ro/en/>



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Krzysztof Dionizy Pułaski
Biomax fms Sp.z.o.o
Prezes

ABOUT

People associated with companies transferring organizational skills, knowledge and experience with companies represented by the president Krzysztof Pułaski introduces inspiration to the European Union and around the world in the field of programs in the management and service of project projects, technical consulting and engineering services, the impact of light on mental health and correct knowledge and the impact of new LED technologies on vision. Managing technologies, programs and products in the project along with research and development of new technologies. Since 2006, we started foreign cooperation on electronic systems and works related to sensor installations. Related to the product, high efficiency LED lighting, modern products to be used in many products using new generation electric power supplies used not only in hospitals. The hospital development project presented at the Ministry of Health under the name HEALTH ZONE, presented at the meeting to the directors of the Ministry of Interior and Administration, enjoyed great recognition and interest.

Our entire activity is cooperation with business entities and public sector institutions with institutes and research and development of innovation - creating new responsible knowledge. Products and services in the field of urban transport and electromobility, usually through joint European research. The other half, our activities, focus on commercialization and cooperation with scientists in various areas, and early implementation and scaling of new products and services that sometimes disrupt markets, solve problems and increase competitiveness and educate our clients. We operate most in the multi-functional sustainable development sector, where we are deeply involved in energy, supporting agriculture and smart 5g networks. We are proud to work on green sustainable electricity sourced from the environment, bringing the same circular solutions to roads and rail territories, we understand some of the most exciting tools and technologies being introduced in Europe

OPPORTUNITIES

◆ Project Cooperation

To understand business on McDonald's principle, we give everything without premises and we have no connections only for settlements for delivered and franchise

Creating teams in the Union area for the needs of the Franchise Health Zone Program in which the research networks will take their shares. The idea to secure Eco packaging certification supplied to natural products from a given country and region, introduced to the franchise for invented EU one brand.

◆ Project Cooperation

Small wind turbines Green Energy for hospitals to reduce CO2 and gas emissions and reduce electricity costs in a closed circulation

Proven products and technologies, a number of research and development works carried out in Poland, the degree of implementation to the European market. According to the recommendations of the European Commission and debates on reducing greenhouse gas emissions and a huge impact on climate warming. We are proud that we are working on using sustainable energy to obtain from the environment, in our environments and territories we understand some challenges related to the most extreme tools and technologies in Europe. Which do not interfere in markets, solve problems and make our common market competitive. The European joint railway carrier (EU-Rail) was appointed by Council Regulation (EU) 2021/2085 of November 19, 2021.

This is to be a new European partnership for research and innovation in the area of railways, components created as part of the Horizon Europa program (2020 -2027) and the universal successor to Joint Venture with European countries #energia #development #wiatr Further development research in terms of market demand in Europe in various industries, e.g. chemical and fuel. Cooperation in the introduction of wind turbines for the purposes of purely Smart City in spatial planning in programs also for small farmers.

Type

Partner seeks Consortium/Coordinator

Consortium/Coordinator seeks Partners



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Matilde Pós-de-Mina Pato
ISEL-IPL
Professor

OPPORTUNITIES

◆ Project Cooperation

An online whole-body radiology report generator.

The task of automated radiology report generation is more complex than it appears.

While the generated text is about a paragraph long in the case of X-rays, it involves relating images to comorbidities to text. At its core, it is an image annotation task that generates a description from the image. However, looking more closely, we see the need to maintain a medical vocabulary to develop quality reports. Transparent whole-body radiology report generation aims to provide a comprehensive view of a patient's health without costly and time-consuming reports. This type of report generation is enabled by using AI and ML algorithms that can analyse a patient's medical imaging data and generate a comprehensive report in a fraction of the time it takes a human radiologist. Our proposed solution uses knowledge bases and multiple datasets to correlate mechanisms instead of the current focus on the thorax. Finally, this project will also generate heat maps of the attention mechanism used by the image processor model to show physicians the areas that influenced the algorithm's decisions, providing transparency.

Pneumatological health monitoring using multivariate AI

Chronic obstructive pulmonary disease (COPD) is directly linked to 3 million deaths yearly. Pneumonia is the main cause of death in children under five, while lung cancer causes 1.6 million deaths. In Portugal, the severity of these three diseases is increasing, leading to greater social and economic impact. Previous research in Portugal has shown that pneumonia incidence has spatial and demographic patterns that change over time. This proposal aims to carry out a broader, multivariate study of respiratory diseases, using Artificial Intelligence (AI), Machine Learning (ML) and Visual Analytics (VA) techniques, creating an intelligent solution that correlates the history of patient data with the variables that influence the impact of these diseases on human populations (such as pollution indicators, genetic data, air particle composition, ...), allowing the problem to be understood and tackled from multiple fronts. This is to be a new European partnership for research and innovation in the area of railways, components created as part of the Horizon Europa program (2020 -2027) and the universal successor to Joint Venture with European countries #energia #development #wiatr Further development research in terms of market demand in Europe in various industries, e.g. chemical and fuel. Cooperation in the introduction of wind turbines for the purposes of purely Smart City in spatial planning in programs also for small farmers.

Type

Consortium/Coordinator seeks Partners



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Edyta Reszka
Nofer Institute of Occupational Medicine (NIOM)
Professor

ABOUT

Two main tasks of the Department concern studies of 1) genetic and epigenetic markers in humans and 2) alternative methods application for R&D purposes. 1) It involves basic research using research models from the cell to clinical samples, in the application of the data obtained and the results of the data for their translation, enabling the implementation of innovative diagnostic and therapeutic therapies in further phases of clinical trials and preventive models.

Molecular testing includes: single nucleotide polymorphism (SNP) analysis in a wide range, expression analysis of mRNA, miRNA and lncRNA in human and animal tissues (qPCR technique), epigenetic analyses: global DNA methylation/demethylation (5-mC, 5-hmC, 5-fC markers), methylation of repetitive sequences (Alu, LINE-1), methylation of genes in promoter regions by qMSP method, analysis of early molecular markers of effect: telomere length (TL) by quantitative method, mitochondrial DNA copy number (mtDNAcn).

2) We also conduct studies of the toxic properties of medical devices for chemicals, medical devices in accordance with the principles and system of Good Laboratory Practice (GLP) (Cytotoxicity: NRU assay on Balb/c 3T3 cell line, clone A31, Genotoxicity: micronucleus test on human peripheral blood lymphocytes (MN), thymidine kinase gene mutation test on mammalian cells (MLA) and evaluation of skin irritation on reconstructed human epidermis model.

<https://www.imp.lodz.pl/>

OPPORTUNITIES

◆ Project Cooperation

Alternative methods for biomedical research

Translational Research Lab at NIOM is interested in studies for biomedical research based on alternative in vitro studies on human cell lines. We have long experience in alternative methods for toxicity assessment. Since 2000 researchers from TRD actively participated in dissemination of 3R' principles on the Polish ground. In 1999 they established the National Centre for Alternatives Method in Toxicity Assessment We has been a member of the EU-NETVAL (European Union Network of Laboratories for the Validation of Alternative Methods) since 2015. The research in MTL is mainly focused on molecular mechanisms of toxicity of chemicals in both bulk and nanosized forms. The researchers have considerable experience in cell culturing and assessment of molecular mechanisms of chemical toxicity that together with a very well equipped two cell culture labs gives a great opportunity for twinning in TWINALT project. Among the methods routinely used in MTL are the following: basal cytotoxicity test: Neutral Red Uptake (NRU) test/ ISO 10993-5:2009, MTT reduction, WST-1 test, LDH measurement, propidium iodide staining/flow cytometry; cellular mechanisms of cytotoxicity: apoptosis&necrosis/ROS/GSH by flow cytometry, ELISA tests for cytokines; genotoxicity tests: comet assay; Mouse Lymphoma Assay/OECD TG490; In vitro Micronucleus Test/OECD TG 487; nanotoxicology: Dynamic Light Scattering (DLS) to measure size distribution of nanoparticles before and during in vitro exposure; internalization of nanoparticles by DualBeam FIB/SEM (FEI Scios) or fluorescently labelled nanoparticles by flow cytometry (BD FACS Canto II) and confocal microscopy (Leica SP8) and other molecular assays.

Type

Consortium/Coordinator seeks Partners



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Vânia Roberto

ABC Collaborative Laboratory, Integrated Ageing and Rejuvenation Solutions
CEO/CSO

ABOUT

Ageing Better CoLAB (ABC CoLAB) is a non-profit private association composed by an ecosystem of 12 partners from academia to business and government: Algarve Biomedical Center, ISCTE, University of Algarve, ICNAS-Pharma, Sea4Us, Vodafone, Algardata, Garvetur, PremiValor Consulting, Municipality of Albufeira, Municipality of Loulé and IPST.

Ageing Better CoLAB's main goal, is to address and integrate the different dimensions of ageing through a holistic approach while fostering knowledge and technology transfer to society and target markets.

Our 4 main pillars and research agendas are:

- Health and Biomedicine: ageing and/or rejuvenation, improve knowledge and test new forms of treatment in ageing-related diseases, chronic pain and frailty, study ageing hallmarks, improve health care in high burden diseases associated with age;
- Social Sciences: social innovation projects namely to promote social integration of frail and pre-frail people through life, improve social care, develop new ways of evaluating and monitor through time functional capacity according to the WHO recommendations, and develop new integrated care services to improve communication between health and social care systems;
- Technology: digitalization and big data analysis, machine learning, Artificial Intelligence, ICT and digital interfaces solutions for both health and social care services;
- Tourism: health and wellness tourism, senior tourism, tourism digitalization, and other.

ABC CoLAB strategy for the upcoming years is focused on priority areas with high societal impact and will contribute to diversify both regional and national economies by delivering innovative products and services, while creating a unique hub for research and innovation in the ageing field.

Natalia Rozwadowska

Institute of Human Genetic PAS

Deputy Director for Development, Head of the Department

ABOUT

The Institute is the leading centre for human genetics research in Poland and a valued partner in scientific cooperation with many institutions in the country and abroad. The main research areas of the Institute include: cytogenetics, molecular and population genetics, cellular pathology, reproductive biology, mutagenesis and biotechnology. The research conducted at the Institute is related to transgenesis, genomics, transcriptomics, epigenomics, and proteomics. The research carried out at the Institute, in addition to its valuable cognitive output, has a broad applicative aspect (such as in the diagnostics and treatment of diseases) due to extensive cooperation with other medical institutions.

<https://igcz.poznan.pl/>



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Kristin Saar

AMIRES

ABOUT

AMIRES is a consulting company for research, development and innovation projects. Our main strength is the creation of new international sustainable partnerships within innovation focused value chains. Our developed projects remain the main enablers for our industrial clients and their growth and provide the important opportunities for R&D community.

We are specialized in creation of consortia of partners with common aim for product or service innovation with significant potential for know-how commercialization.

Unique and profound knowledge of the European public funding environment (e.g. Horizon 2020 and Horizon Europe) as well as broad network of market key-players contribute to the high quality of entrusted projects. We follow projects from their initiation and planning, through negotiation, execution and management to the final stage, where exploitation of a new technologies, products or services is facilitated.

For our clients, we provide also external relations activities towards European funding institutions (e.g. European Commission, Joint Technology Initiatives (JTIs), Executive Agencies) and other international bodies (e.g. European Technology Platforms and clusters).

OPPORTUNITIES

◆ Project Cooperation

Consulting company for research, development and innovation projects

AMIRES is a consulting company for research, development and innovation projects. Our main strength is the creation of new international sustainable partnerships within innovation focused value chains. We are specialized in the creation of consortia of partners with common aim for product or service innovation with significant potential for know-how commercialization. Unique and profound knowledge of the European public funding environment (e.g. Horizon 2020 and Horizon Europe) as well as broad network of market key-players contribute to the high quality of entrusted projects. We follow projects from their initiation and planning, through negotiation, execution and management to the final stage, where exploitation of a new technologies, products or services is facilitated.

Type

Partner seeks Consortium/Coordinator

Gülseren Sakarya

Istanbul Provincial Health Directorate

R&D Project and Clinical Research Specialist /Uzman

ABOUT

With a human -centered approach, to protect and improve individual and public health, to improve the quality of life of people, to give priority to patient and employee safety, to provide accessibility of these services, to provide quality and efficient health services in order to increase health awareness, and to provide public health in the health services we aim to offer In addition to taking all the necessary measures in matters, it is possible to make patients and employees feel safe and satisfied with a wide variety of health services;

To meet the expectations of patients and employees at the highest level, in accordance with the policies and objectives of the Ministry of Health, based on the principle of continuous improvement, information produced and applied in the field of health sciences in the field of advanced technology, the satisfaction and safety of our patients and employees is the highest level in terms of service quality. In addition to its own population, Istanbul accepts from all over the country and foreign countries, especially to secondary and third health institutions and is the world's health center. In the following projects with the technical, physical and personnel infrastructure of our institution, which aims to minimize carbon footprint with its digital solutions that are open to innovation, open to innovation; We are pleased to declare that we can take part in the power of public authority.



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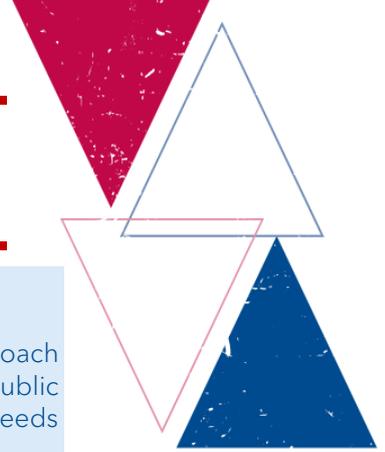
Patrícia Salgueiro
Iscte-IUL
Research Support Officer

ABOUT

The research produced at Iscte in the field of health is framed within a Societal Health approach which emphasizes citizens' perspectives on health and disease. We have contributed to public policies, notably by working with key actors to include in the health agenda the specific needs and rights of vulnerable populations (for example, the elderly, immigrants, LGBT).

The collaborative approach is present in both user involvement and interdisciplinary openness, such as intelligent solutions (in the functioning of health services, in physiotherapy or in ambient assisted living). We intend to go further and, by promoting interdisciplinarity and involving all stakeholders, apply data science to health problems, not only optimising health services from a patient-centred perspective, but also producing information to monitor public health policies.

 <https://www.iscte-iul.pt/>



Eduardo Sampaio
Psychomeasure
CEO

ABOUT

Psychomeasure specializes in the development of computer-based diagnostic tools for mental health. Our expertise lies in the automated measurement of cognitive performance, particularly in the areas of psychiatry and wellness.

Our company has established itself as a pioneer in this field in recent years, and we have published several scientific papers in prestigious journals. We have also conducted successful pilot studies ranging from clinical trials to measuring emotional well-being. Our goal is to achieve a leadership position in automated assessment of social cognition, particularly in education and healthcare. We believe that our technology can have a significant impact on mental health by enabling rapid and accurate diagnosis and facilitating prevention of mental illnesses.

OPPORTUNITIES

◆ **Project Cooperation**

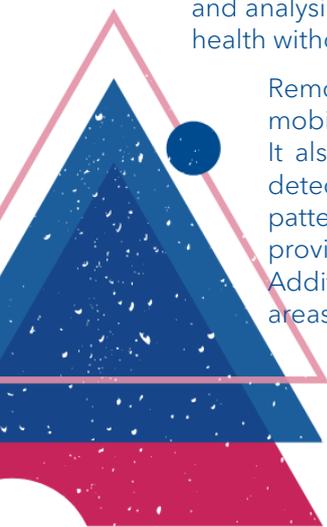
Improving mental health access among youngsters (new generation)

We are interested in collaborating with medical institutions to help improve the early detection of mental health issues among young people, adolescents, and children. Our technology can have a significant impact on mental health by enabling rapid and accurate diagnosis and facilitating prevention of mental illnesses. We also believe that the adoption of immersive technologies (metaverse) can be a crucial step in the adoption and use for this group. And bear in mind that teenagers and young adults are among the most in need of mental health support as seen in the increasing number of cases, and also suicides.

Improving mental health access among youngsters (new generation)

Our digital application provides a unique advantage in that it can be used to monitor patients remotely. By recording and analysing speech patterns during remote sessions, psychiatrists can track changes in a patient's mental health without the need for physical consultations.

Remote patient monitoring is particularly useful for patients who live in rural or remote areas, have mobility issues, or are unable to attend regular appointments due to work or personal commitments. It also allows for more frequent monitoring of patient's mental health, which can lead to earlier detection of symptoms and more timely intervention. The app's ability to remotely analyse speech patterns and identify potential symptoms of schizophrenia makes it an ideal tool for healthcare providers seeking innovative solutions that prioritize patients' well-being while maximizing efficiency. Additionally, it is an efficient method to provide adequate access to families who live in less populated areas and do not have access to psychiatric care. This app democratizes access to psychiatric services.



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Carla Santos

Complear Health

ABOUT

Complear Health offers all regulatory affairs services and support, namely on the preparation of Technical Documentation, Standards Implementation, Registration in with competent authorities, and works with a network of partners for access to other EU markets and the USA. As experts in Software as Medical Device and Digital Health, Complear is working on the EU industry developments in this field among industry leading organization, such EIT Health, TOPRA, RAPS, where our team are part of the most updated discussions on new standards, regulations, and access to the different stakeholders across EU. We are prepared for the changing landscape of software, and in particular Artificial Intelligence (AI), both in the EU and in the USA.

<https://complear.com/>

OPPORTUNITIES

- ◆ Project Cooperation

Regulatory Support on Medical Devices

Complear is available to partner with digital health proposals that are developing a medical device and need support to define the regulatory strategy and guidance to navigate those waters and reach the market under MDR conformity. Complear Health offers all regulatory affairs services and support, namely on the preparation of Technical Documentation, Standards Implementation, Registration in with competent authorities, and works with a network of partners for access to other EU markets and the USA. As experts in Software as Medical Device and Digital Health, Complear is working on the EU industry developments in this field among industry leading organization, such EIT Health, TOPRA, RAPS, where our team are part of the most updated discussions on new standards, regulations, and access to the different stakeholders across EU. We are prepared for the changing landscape of software, and in particular Artificial Intelligence (AI), both in the EU and in the USA.

Sofia Santos

Centre for Research and Intervention in Education

Knowledge Broker

ABOUT

CIIE is a research institution in the field of Education Sciences, based at the Faculty of Psychology and Education Sciences of the University of Porto. Evaluated by FCT as 'Excellent' in the last evaluation, it has become the highest ranked institution in this area (ex aequo with another centre) in Portugal. CIIE develops high quality research on key issues of change and educational and social processes, in order to expand the role of education in promoting equity, inclusion and active citizenship.

<https://ciie.fpce.up.pt/en>



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John Sarivougioukas

Electrical & Computer Engineer

ABOUT

Design and development of Information Systems establishing Management Systems implementations using (A) the Internet of Things (IoT) paradigm, (B) ISO/IEC standards, and (C) European Regulations.

<https://www.fstep.eu/>

OPPORTUNITIES

- ◆ Project Cooperation

Continuous Quality Improvement System (CQIS)

Adoption of the Software as a Service (SaaS) paradigm for the establishment, implementation, operation, and maintenance of International Standards (=ISO/IEC/FDA/IEEE) and European Directives (e.g. GDPR, MDR, IVDR etc) of Management Systems. Such cybernetic infrastructure facilitates the inclusion of additional paradigms such as the ubiquitous/pervasive interaction with Internet of Things (IoT), the design and development of wirelessly operating devices, and the development of intelligence (= AI) in the operation of Management Systems for accreditation, certification, continuous monitoring and auditing. The proposed model is a Continuous Quality Improvement System (CQIS) for organizations, hospitals, laboratories, and individual research projects.

Type

Partner seeks Consortium/Coordinator

Artem Sazonov

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

ABOUT

Our research group consists of young and skilled scientists who constantly improve their skills. We are focused on the development both Smart and Industrial Technologies for various fields such as medicine, business, industry, glass and chemical productions, etc. Our research activities are concentrated on use of Robust control/Fuzzy systems/CV/ML for different fields of research: classification, detection, segmentation; robotics; environment understanding; NLP; data and signal processing

<https://kpi.ua/en>

OPPORTUNITIES

- ◆ Project Cooperation

Person-centred predictive medicine

AI driven solutions (feature extraction, signal processing, video and sound recognition) for the Person-centred predictive medicine

Type

Partner seeks Consortium/Coordinator



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Fernando Schmitt
RISE - Health Research Network
Director

ABOUT

RISE - Rede de Investigação em Saúde - is an Associated Laboratory (AL) created in 2021. RISE focuses on clinical and translational research and innovation. RISE merges and integrates CINTESIS (Centro de Investigação em Tecnologias e Serviços de Saúde), UnIC (Unidade de Investigação e Desenvolvimento Cardiovascular) - two R&D Units hosted by the Faculty of Medicine of the University of Porto (FMUP), CCUL (Centro Cardiovascular da

Universidade de Lisboa) at the Faculty of Medicine of the University of Lisbon (FMUL), and CI-IPOP (Centro de Investigação do Instituto Português de Oncologia do Porto - IPO-Porto). RISE is hosted at Faculty of Medicine of the University of Porto, with six other local management poles at five universities (UPorto, ULisboa, UAveiro, NOVA, UAlgarve, UMadeira), one polytechnic school (Nursing School of Porto - ESEP), and one healthcare institution (Instituto Português de Oncologia do Porto - IPO-Porto).

<https://cluster-health-horizon-europe-brokerage2024.b2match.io/participants/1010>

Pawel Segal
Łukasiewicz PORT
Head of Medical Diagnostic Laboratory

ABOUT

The laboratory played a key role in comprehensive diagnostics of the inhabitants of Lower Silesia (Poland) during the SARS-CoV-2 pandemic. Currently, we focus on developing molecular diagnostics of clinical material using the latest scientific achievements. We actively engage in scientific projects, both as partners in consortia and as subcontractors. The Medical Diagnostic Laboratory is also a place that cares about your health. Our team consists not only of excellent specialists but also of kind and empathetic people. Trust, accuracy, and innovation are the values that guide our actions. Commercially, we provide diagnostic testing services for medical centers, scientists, companies, and individual clients upon request.

<https://port.lukasiewicz.gov.pl/en/>

Dmytro Shushpanov
West Ukrainian National University / Ptoukha Institute for Demography and Social Studies of the National Academy of Sciences of Ukraine
Professor/Head of the Department of Ecology and Health Care

ABOUT

West Ukrainian National University (WUNU) is a classical university of Ternopil, a leading modern educational institution, where the academic spirit and science, passion and discipline - the cornerstones of identity formation - reign. The university is always developing, as to master the art of living one must look to the future.

The main tasks of the Ptoukha Institute for Demography and Social Studies of the National Academy of Sciences of Ukraine are fundamental and applied studies of the socio-economic and demographic development of the country and its regions, the implementation of scientifically based forecasts of socio-demographic development, the development of conceptual foundations of the state socio-economic and demographic policy aimed at ensuring the priority of human development, the development of proposals and recommendations bodies of state power and local self-government, training of scientific personnel.

<https://www.wunu.edu.ua/en/>



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ABOUT

The Institute of Biochemistry and Biophysics of the Polish Academy of Sciences is one of the leading research institutes in Poland, and is also recognized in the world. We conduct basic research to answer key questions about the living world. Using our experience, knowledge and skills, we build future research and development staff by training young post-docs and PhD students. Our research encompasses biological and chemical sciences.

More than 30 independent laboratories conduct research on viruses, bacteria, lower fungi, plants, mammalian cells and the basis of human diseases. The work of scientists at IBB PAS is supported by several modern research facility units and central services. We apply state-of-the-art research methodology, including high-throughput methods based on platforms available in our Institute (NGS; proteomics; genomic loss-of-function screens; chemical screens). The results of our research find application in medicine, agriculture and industry; and many have been granted patent protection. In particular, in our Institute we: - study evolutionary changes in respect to structural, functional and comparative genomics - perform metagenomic and metatranscriptomic analyses to examine environmental microbiomes and identify microorganisms of biotechnological importance - apply system biology and investigate the Antarctic ecosystem - discover transcriptional, translational and epigenetic mechanisms of the regulation of gene expression - study RNA metabolism, RNA modification and cellular functions, including non-coding RNAs - investigate the mechanisms of genome replication and stability - determine the structure and function of proteins and the role of their post-translational modifications - examine protein-ligand interactions to introduce a rational methodology for inhibitor and drug design - study the role of metals in biological processes and synthesize new compounds with potential application - analyze the molecular basis of plant responses to pathogens and abiotic stress - investigate the biosynthesis and function of metabolites important for cellular activity - study processes that play key roles in the development of human diseases, including cancer, rare genetic diseases, cystic fibrosis or COVID-19. We investigate the mechanisms of bacterial virulence and drug resistance. We look for and analyze bacteriophages with therapeutic potential.

 www.ibb.edu.pl

OPPORTUNITIES

◆ Project Cooperation

Determining the metabolic potential of the fecal microbiome of patients with inflammatory bowel and neurological diseases in in vitro tests.

Many diseases have been found to be accompanied by dysbiosis. Changes in the microbiota are accompanied by changes in the metabolites produced, and these metabolites affect the functioning of the host body. There is a well-documented link between the metabolic products of the intestinal microbiota and (i) inflammatory bowel diseases - IBD and (ii) neurological and psychiatric diseases due to the gut-brain axis. There are many experimental and review papers on these topics. To confirm dysbiosis, expensive and time-consuming tests based on DNA sequencing are required. Perhaps it would be enough to develop a rapid laboratory screening test that relies on testing specific microbiota metabolic activity. One of the features of a healthy microbiome is the production of SCFAs in the proper proportions. Few or even almost no studies show how fecal microbiota (as a whole microbial community not isolated pure strains) behave in the cultures under laboratory conditions.

Thus growing fecal samples in media containing specific carbon sources, analyses of the selected consortia, and their metabolites are promising methods for rapid screening of metabolites of special importance. It might be possible to indicate the direction of development of a rapid, non-invasive test based on the ability of the patient's fecal microbiota to produce any metabolite to assess gastrointestinal function in specific disease states and confirm or exclude dysbioses. Based on the preliminary result we have a list of the proposed marker metabolites and the proposal for developing this topic.

Type

Partner seeks Consortium/Coordinator



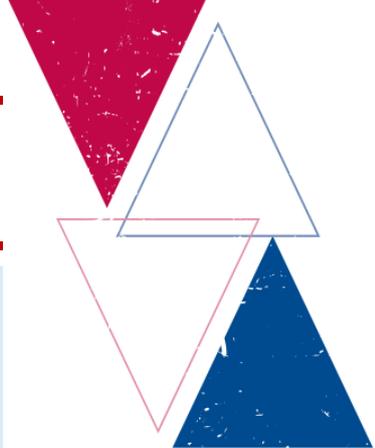
HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Marcin Skrodzki
BIOMARKILO
Development & Quality Manager

ABOUT

Biomarkilo, established in 2023 by Prof. Ewa Gorodkiewicz from the University of Bialystok, focuses on advanced optical detection technology using Surface Plasmon Resonance Imaging (SPRi). This technology, essential for precise analytical measurements, operates without the need for markers or amplifiers, ensuring accurate results. Currently, Biomarkilo is working on developing a test kit for the early blood-based diagnosis of Alzheimer's disease.

<https://www.linkedin.com/company/biomarkilo/>



Zeynep Sofuoglu
Ambulance, Disaster and Emergency Physicians' Association
Senior Project Officer

ABOUT

Ambulance, Disaster and Emergency Physicians Association (AAHD) is a medical end-user NGO established in 2004, in Turkey and participated to more than 10 EC Projects as a full partner since 2008. AAHD provides RTD and innovation; and training activities in the fields of Emergency Medical Services (including first aid); disaster response and preparedness; mobile health care.

AAHD researchers reached out to more than 7500 school children and 2500 parents and 250 dropped-out children for screening child abuse and neglect in Turkiye. AAHD has a very experienced team to conduct research with people in vulnerable situations.

AAHD is highly experienced in responding to a broad range of medical emergencies from routine medical responses like basic life support, advanced cardiac life support, pediatric life support, trauma life support to and different kinds of disasters that involved field triage, transportation of huge amounts of injured people.

<https://www.aahd.org.tr/>

OPPORTUNITIES

◆ **Project Cooperation**

Quality Health and Care 4 Vulnerable

After disasters (earthquakes, floods, displaced people, health waves, etc.) in Europe and beyond. These disasters contributed negatively to the existing health inequalities, especially in vulnerable communities. There are multi-dimensions of the existing barriers. The solutions to overcome this problem differs from country to country or even in the same country from one population to another population. Mobile living labs will be organized with people in vulnerable situations to get to the root of the problems. Afterward, workshops will be organized with decision-makers, municipalities, NGOs, and academicians to provide a road map to implement. Implementations will be done in the second phase of the Project. Dissemination and networking activities will be done concurrently.

Type

Partner seeks Consortium/Coordinator



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Anagnostis Sotiris Pytheia Competence Center Manager

ABOUT

"PYTHelA" Competence Center is located in the area of the Region of Thessaly in the city of Larissa is the only one Competence Center in Health sector in Greece. Is a partnership of Public - Private entities aimed to create a center of Excellence with the purpose of enhances digital transformation at the Health sector. The Action is co-financed by EPAnEK (European Regional Development Fund of the European Union and from national resources) and is implemented through the General Secretariat for Research and Innovation (GSIC).

Our main partners are important academic institutions of the country, research organizations as well as companies active in the field of health and its digital transformation. This is the Entrepreneurship Development Institute, the certification company of educational programs N. NOULAS SA - (UNICERT SA), the Swiss company ALTOIDA AG, the University of the Aegean - Lifelong Learning Programs, the University Research Center of the Ionian University, the University of Thessaly through the Laboratory of Microbiology and Parasitology, the communication and marketing company Genicheftsis Christos & Co. E.E. (SPIRITO), the consulting company EURICON Ltd., the company VELMAN MED COMMUNICATION SMPC and finally the enterprise Open Mellon Education - Consulting - Business Incubator S.A.

Despite its early stage of presence and through a holistic approach, PYTHelA supports and promotes innovative digital solutions, upgrading, strengthening, and accelerating the integration of digital culture in the Healthcare value chain and transforming it into a modern and competitive one. We offer cutting-edge educational courses using AR and mixed reality, upskilling Alzheimer's caregivers, physicians, students, and all healthcare professionals. Our digital biomarkers for cognitive assessment provide an unprecedented level of insight into patient care.

<https://pytheia.gr/>

OPPORTUNITIES

◆ Project Cooperation

Advancing European Pandemic Preparedness: Join Pytheia C.C. for Horizon Funding Consortium

Pytheia C.C. presents an exceptional opportunity for potential consortium partners seeking to engage in Horizon funding programs focused on maintaining the European partnership for pandemic preparedness. As a pioneering AI-driven platform, Pytheia C.C. offers a comprehensive suite of services designed to elevate collaborative efforts and drive impactful outcomes.

By joining forces with Pytheia C.C., consortium coordinators and partners gain access to a state-of-the-art ecosystem that fosters unparalleled collaboration. Pytheia C.C.'s advanced AI algorithms enable efficient identification and evaluation of funding opportunities specifically tailored to pandemic preparedness within the European context. Pytheia C.C.'s collaborative platform serves as a central hub for seamless communication and resource allocation within the consortium. It facilitates effective knowledge sharing, enhances project management, and streamlines coordination efforts. Through Pytheia C.C., partners can leverage shared expertise and resources, fostering a synergistic environment that maximizes the potential impact of their joint endeavors. Furthermore, Pytheia C.C. offers personalized guidance and support to consortium partners throughout the project lifecycle. Its intelligent algorithms generate tailored recommendations based on partners' profiles, ensuring optimized resource allocation, risk mitigation, and increased chances of success.

As a consortium partner, your organization will benefit from Pytheia C.C.'s extensive network of experts, stakeholders, and industry leaders in pandemic preparedness. Through strategic partnerships a facilitated by Pytheia C.C., your consortium can access additional resources, expertise, and funding opportunities, thereby enhancing the collective impact of your efforts. In summary, by teaming up with Pytheia C.C., consortium coordinators and partners can amplify their expertise, unlock new opportunities, and navigate the intricacies of Horizon funding programs with confidence. Together, we will build a robust and resilient European partnership for pandemic preparedness, driving innovative solutions and ensuring the healthcare ecosystem is well-prepared to face future challenges.

Type

Partner seeks Consortium/Coordinator

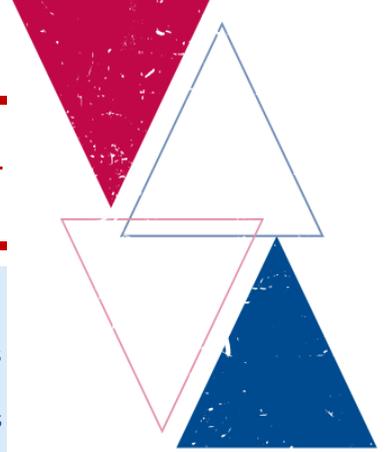


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Cristina Stefan
Medical Education Research and Innovation Center
President, CEO

ABOUT

Medical organisation with huge local and international experience, vast networking across different medical specialities, involving hospitals, centres, institutes and universities, funded relevant projects to health systems, public health priority areas such as communicable and noncommunicable disorders. Involved in education and research with an innovative approach. Strong intellectual input to projects, diverse medical expertise, able to enroll relevant patients and participate in clinical trials.



Ina Stuoge-Jansson
Ferox Baltic, Ltd.
Senior project manager

ABOUT

Ferox Baltic Ltd is a consulting company based in Vilnius, successfully operating for over 10 years. We provide a vast spectre of services for both private and public sectors, whilst recruiting professionals for every field of work we operate in. We consult in matters that involve: EU grants, business management, capital attraction and many more.

Our Mission - to create value for our community, clients and employees, while also helping businesses to grow in a sustainable way. Our Vision - to become the first choice for any client for their questions involving business consulting, project management and capital attraction.

OUR COMPANY'S VALUES: Trust- in employees, clients, partners and community. Belief- in ourselves, environment, opportunities in the market, ideas and final result. Respect- towards colleagues, clients, partners, institutions and competitors. Courage- to take actions, to take risks no one would ever take. Creativity- we find the most original ways to solve problems. Professionalism- we work with responsibility, behave to the ethical code, and we produce our work in high quality.

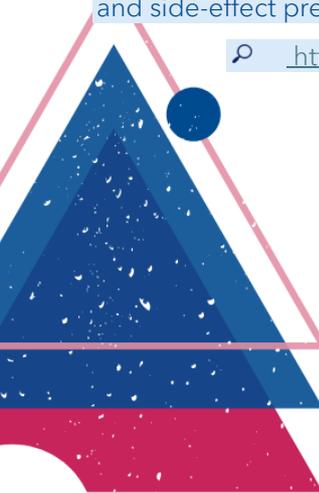
<https://feroxbaltic.lt/>

Kinga Sükösd
Cytocast
Partnership coordinator

ABOUT

"Cytocast is a medical technology startup, established in March 2019 developing a comprehensive cell model integrating all available knowledge about how cells execute their functions. The Cytocast Simulated Cell can model protein interactions central for cell functioning in various cell types. It predicts qualitative and quantitative changes in protein complexes in response to perturbation. These perturbations may arise as a result of a disease or drug treatments, and the simulations predict the cell-specific molecular changes that occur so it can be used for effect and side-effect prediction and decision support for selecting the best treatment option for patient.

<https://www.cytocast.com/>



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

OPPORTUNITIES

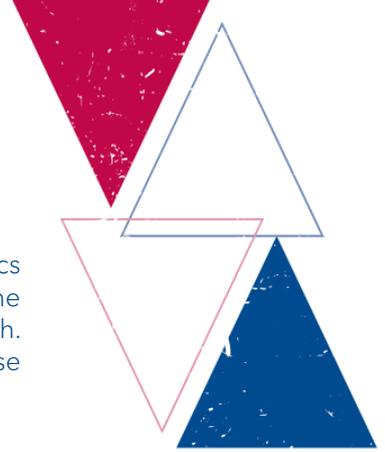
◆ Project Cooperation

Cell Simulation to Support Personalized Treatment and Prevention

The cell simulator that forms the basis of our technological solution integrates bioinformatics databases, multi-omics, and patient specific data into computer models to understand the effects of perturbations caused by disease and predict how drugs can modify cellular health. We are looking to further develop and validate our software solution in specific disease groups, therapies or in the area of disease risk prediction.

Type

Partner seeks Consortium/Coordinator



Krisztina Takacs-Vellai
Eötvös Lorand University
Associate professor

ABOUT

Eötvös Loránd University (ELTE) is one of the oldest and largest universities in Hungary. Currently, it has nine faculties and runs 50 bachelor, 120 master programmes and hosts 17 doctoral schools. According to global university rankings ELTE is one of the best public universities in Hungary, ranks among the top 5% higher education institutions worldwide. It has an extensive international network of partner organizations, collaborating with more than 500 Erasmus partner institutions and 150 further bilateral international partners.

ELTE is a member of the following international university networks: EUA (European University Association), EUF (European University Foundation), Charm-EU (Challenge-Driven, Accessible, Research-based and Mobile European University), CENTRAL (Central European Network for Teaching and Research in Academic Liaison), Coimbra Group, DRC (Danube Rectors' Conference), UNICA (Network of Universities from the Capitals of Europe), Utrecht Network, CELSA (Central Europe Leuven Strategic Alliance).

Research groups of ELTE participated in 35 projects in EU Horizon 2020 programme (including 7 ERC grants) and are supported in 10 Horizon Europe projects. ELTE has received 2 million euro funding from Horizon Europe so far. Apart from focusing on research excellence, ELTE also aims to strengthen innovation, cooperation with businesses and exploitation of research results. It has strategic cooperation with big companies (e.g. Ericsson, Mol, Morgan Stanley) and 17 spin-off companies have been created at ELTE so far.

<https://www.elte.hu/en/>

OPPORTUNITIES

◆ Project Cooperation

How to use C. elegans as a tumor model? How to model the genetic background of rare diseases using the worm?

Caenorhabditis elegans is known as a model for tumor genetics^{1, 2}. The C. elegans genome encodes 19000 genes, 40 % of them have highly conserved human homologs³. Analyzing the worm homologs of cancer related genes helps to better understand their biological functions and reveal signaling networks. In addition, processes influencing tumor progression like cell motility, apoptosis, phagocytosis are conserved and can be studied in this model organism. In addition the worm develops hyperproliferative phenotypes mainly restricted to the germline, which correspond to benign tumors. 10 out of 14 cancer hallmarks recently described by Douglas Hanahan can be addressed and have been addressed using the tiny worm.

The first identified metastasis suppressor gene NM23 (non-metastatic clone 23) or NME1, which displays NDPK (nucleoside-diphosphate kinase) activity, is a negative regulator of cell motility. Our group has first characterized biological functions of NDK-1, the sole C. elegans homolog of group I NDPKs in the worm. We revealed that NDK-1/NME1 is an evolutionarily conserved element of successful phagocytosis and functions in removal of apoptotic cells to prevent inflammation⁴. Nematodes can serve as a model to better understand some aspects of metabolic switches in cancer.



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Pheochromocytomas and paragangliomas (PCCs) are neuroendocrine tumors and in many cases mutations in subunits of the SDH (succinate-dehydrogenase) enzyme lead to early cancer. The Arg230His mutation in the SDHB subunit causes a familial form of malignant PCC. To see the consequences of the Arg230His mutation, we first analyze the effects of the corresponding mutation in a worm model at the level of metabolomics and transcriptomics⁵.

Type

Partner seeks Consortium/Coordinator

Nuno Taveira Professor Egas Moniz School of Health and Science, Egas Moniz CRL

ABOUT

The Egas Moniz School of Health and Science, Egas Moniz CRL, is a medium-sized private university located in Monte de Caparica, Almada, Portugal. It has a research centre, the Centre for Interdisciplinary Research Egas Moniz (CiiEM), which is dedicated to ONE Health research, including the identification and validation of new antivirals for humans and animals that may be useful in the prevention and treatment of the next viral pandemics.

<https://www.egasmoniz.com.pt/>

OPPORTUNITIES

◆ Project Cooperation

Pre-clinical in vivo development of spiro-beta-lactams as broad-spectrum antivirals

Current official worldwide toll of COVID-19 stands at > 6.8 million deaths and 757 million infections (May 2023). Each year, there are around one billion human influenza infections worldwide of which 3 to 5 million are clinically critical with 300 to 600 thousand ensuing deaths. Respiratory syncytial virus (RSV) is responsible for over 26 000 hospital deaths in children under 5 years old. Human costs from these viruses, in terms of lives, suffering and economic hardship, are staggering. They highlight the global need for effective and affordable antivirals and vaccines to treat and control infections. We recently made a groundbreaking discovery of highly potent antivirals against HIV, influenza and SARS-CoV2 viruses. Our compounds are protective against HIV-1 and HIV-2, influenza A and B and SARS-CoV2 (several VoCs) infection in cells. Their host-centred mechanisms of action, unlike conventional direct-targeting antivirals, reduces the likelihood of drug resistant mutants emerging, a distinct advantage against highly mutable viruses. Our compounds could also be front line antivirals in emergency use against novel epidemic or pandemic viruses, which are likely to be RNA viruses. Even with the availability of vaccines, these compounds could be invaluable in treating single-virus infection or mixed-virus co-infection. Thus, our current goals are to determine the mechanism of action (MoA) of these line of compounds and make their in vivo pre-clinical development in efficacy, safety and delivery optimization.

Type

Partner seeks Consortium/Coordinator

Consortium/Coordinator seeks Partners



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Mehmet Taşkin Metasoft

ABOUT

Metasoft, an information and communication technology (ICT) enterprise situated within Anadolu University's technology park, commenced its journey in the year 2000. Over the years, the company has amassed profound proficiency in various domains, including software development, eHealth solutions, and web technologies. With a dedicated team of seasoned professionals, Metasoft specializes in crafting comprehensive, end-to-end solutions tailored for medium to large-sized healthcare establishments, particularly in the realm of Hospital Information Systems (HIS).

OPPORTUNITIES

◆ Project Cooperation

DentAssist-Hospital Information System

Metasoft is looking for the consortium to join for the upcoming Horizon Europe projects. The primary task of Metasoft is to develop Dental Healthcare Information Systems (DHIS) software for dental hospitals/centers under the National Health System and dental faculties' application hospitals under universities. However, the company also engages in project-based business development activities in different areas such as finance, inventory management, clinical engineering, etc. We have developed commercial softwares such as Enterprise Resource Planning (ERP) and Customer Relationship Management (CRM) systems for Small to medium-sized enterprise (SMEs). We had a market superiority especially in the field of Dental Health Information Systems (DHIS). Beyond software development, Metasoft has produced special solutions for some special needs with its unlimited R&D vision.

Type

Partner seeks Consortium/Coordinator

Eda TORUN BITES AEROSPACE Business Development Specialist

ABOUT

BITES is a large corporate company focusing on new-generation Simulation, new space systems, education and training technologies and Information/Mission Management Solutions. The company's core business covers AR/VR/XR applications, Autonomous Systems, Artificial / Swarm Intelligence and innovative Human Machine Interfaces, artificial intelligence, machine learning, simulation and visualization technologies, design and development of digital twin platforms, and IoT sensors. (including wearables with LTE) and embedded systems for over two decades. BITES has a large business ecosystem both at national and international levels in the field of aviation and space industry. In addition, we have experience in digital twin technologies (including sensor technologies, computer infrastructure, and data management) and 1 Horizon Europe project completed within the scope of the EGNSS call.



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Ali Turkelli

Boğaziçi University - Center for Life Sciences & Technologies
Coordinator

ABOUT

Metasoft, an information and communication technology (ICT) enterprise situated within Boğaziçi University - Center for Life Sciences & Technologies (Boğaziçi LifeSci) is a leading research center in Turkey focused on cutting-edge research and technology advancements in life sciences, health, and biotechnology. Located within Boğaziçi University, Boğaziçi LifeSci boasts a team of renowned academics, state-of-the-art infrastructure, and notable achievements in scientific research. The center's interdisciplinary approach and collaborations with academia and industry aim to improve human life through innovative approaches and products.

<https://lifesci.boun.edu.tr/home/>

OPPORTUNITIES

◆ Project Cooperation

Innovative non-animal human-based tools and strategies for biomedical research

We are a leading research facility in life sciences with expertise in cutting-edge technologies and high value-added products. Our In-vivo Medical Device Development Unit can contribute to the development of microsystem-based medical devices used in the human body. Our Test-Analysis Unit can conduct tests of biocompatible materials and pharmacokinetic tests. Our Experimental Animal Production and Care Unit/Vivarium can provide veterinary diagnosis/treatment services and conduct surgical operations. We can collaborate with SSH disciplines and experts. We also have deep tech startups, such as Omic-A, that perform non-animal testing methods. We have an AI team working on tool development, and we can collaborate with TÜBİTAK Bilgem. We are interested in partnering.

Pandemic preparedness and response: Adaptive platform trials for pandemic preparedness

As the Center for Life Sciences and Technologies with expertise in clinical research, we can propose innovative trial designs for pandemic preparedness that meet European regulatory standards. We can establish multi-country adaptive platform trials, providing trial and laboratory analysis capacity, FAIR data collection and analysis, and advanced genomic analysis for developing diagnostics, therapeutics, and vaccines for infectious diseases. Our medical device development unit can produce smart sensors for remote disease control. We can collaborate with existing adaptive platform trials, the Global Health EDCTP3 Joint Undertaking, and the European Health Preparedness and Emergency Response Authority (HERA). Our contribution can position us as a partner in clinical research preparedness for future epidemics and pandemics.

Personalised prevention of non-communicable diseases - addressing areas of unmet needs using multiple data sources

As a Life Sciences Center, we specialize in cancer research and therapies. We can propose innovative projects that focus on developing personalized cancer therapies and drug designs using cutting-edge technologies and large data sets. Our expertise in genetics and metabolomics can also contribute to a better understanding of cancer biology and the development of targeted therapies.

The role of environmental pollution in non-communicable diseases: air, noise and light and hazardous waste pollution

We have expertise in various areas related to pollution and health impacts, including toxicology, exposure science, and environmental epidemiology. We can collaborate with our colleagues in the environmental science institute on water-related research, and we have faculty members interested in working on this call topic.

Additionally, the local health authority has expressed interest in working with us and providing support in various areas. Together, we can contribute to the development of innovative tools for pollution monitoring and exposure assessment, conduct animal studies related to pollution-disease associations, and provide training and education to professionals and citizens.

Type

Partner seeks Consortium/Coordinator



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Yildiz Tutuncu
Koc University
Associate Professor

ABOUT

Koç University (KU) is an endowed, non-profit institution of higher education, located in Istanbul, Turkey. Founded in 1993 by the Vehbi Koç Foundation, its mission is to produce the most capable graduates by providing a world-class education, to advance the frontiers of knowledge and to contribute to the benefit of Turkey and humanity at large. Since its establishment, KU has quickly become one of the leading research universities in Turkey, attracting accomplished, high-calibre researchers from all over the world.

The majority of the students enrolled in the undergraduate programs are ranked within the top 1% in the National University Entrance Exam. The University has collaborations with European universities through the financial support provided by the Framework Programs, which enhanced the research capacity of the institution. The University is committed to excellence in research and provides state-of-the-art research facilities and intellectual environment to support research. One of that facilities is the Koc University Translational Research Center for Medicine (KUTTAM). KUTTAM aims to promote the development of high-value-added biomedical devices based on basic scientific research and domestic possibilities and to encourage and support the work to be carried out in the relevant area. Apart from the research capacity, KU is actively participating in the Erasmus and Global Exchange programs, partnering with universities from 25 European countries and 35 countries worldwide, with agreements with over 125 reputable organizations..

 <https://www.ku.edu.tr/>

OPPORTUNITIES

◆ Project Cooperation

Investigating Immunometabolic Activities of Omental Adipose Tissue Immune Cells in Obesity

I have been coordinating a research team on obesity related to the immune system. We want to continue this line of research. We need larger samples to gain more statistical power, and also, we need more resources to conduct this type of research. Therefore, we are looking for a coordinator/partners to carry out a multicenter study. I have experience as a partner team in three projects funded by the European Union, two of the 7th and one of the 6th frame project grants. Therefore, we are seeking a consortium as a partner.

Obesity is associated with chronic inflammation, altered immune responses, and metabolic dysregulation. However, the specific immunometabolic changes occurring in omental adipose tissue in obesity are poorly understood. This research project aims to investigate the immunometabolic activities of omental adipose tissue in obese individuals. The project involves collecting omental adipose tissue samples from obese individuals using appropriate surgical or minimally invasive procedures. These samples will undergo laboratory analyses such as flow cytometry, immunohistochemistry, cell culture and gene expression analysis to assess immune cell populations, cytokine profiles, and metabolic markers. The study aims to identify differences in immunometabolic activities between obese individuals and shed light on the mechanistic connections between obesity, immune dysfunction, and metabolic disturbances compared to lean individuals. Overall, this research project has the potential to improve our understanding of the crosstalk between omental adipose tissue and the immune system in obesity and pave the way for new therapeutic approaches.

Investigating the Impact of Endocrine Disruptors on Immune Responses and Disease

As the Center for Life Sciences and Technologies with expertise in clinical research, we can propose innovative trial Endocrine-disrupting chemicals (EDCs) may mediate their effects on metabolic health through the immune system. Although most studies demonstrate that exposure to EDCs can induce a pro-inflammatory phenotype and enhance cytokine-induced cell death, there are conflicting findings. It is possible that EDCs may reduce the anti-inflammatory response, thereby disrupting the balance between pro-inflammatory and anti-inflammatory responses. I have been coordinating a research team on diabetes, metabolic syndrome and obesity and their relationship to the immune system.

Type

Partner seeks Consortium/Coordinator



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Zsófia Török

MindRove Kft

ABOUT

MindRove Kft. is a Hungarian start-up developing and commercializing a portfolio of EEG- and EMG- based biosensing devices for researchers, healthcare professionals, robotics and neurotechnology experts. The devices are capable of measuring biopotentials with either platinum microfiber or stainless-steel electrodes, and also have inertial measurement units (IMUs) integrated. MindRove also has expertise in software development with an emphasis on AI-based solutions, machine learning methods, data processing and analysis.

OPPORTUNITIES

◆ Project Cooperation

Startup developing biosensing wearables looking to join or build consortium

I MindRove is looking for partners for upcoming Horizon Europe projects. We have experience in the development and commercialization of wearable devices for human-computer interfacing, brain-computer interfacing, neurofeedback, physical and mental health tracking, performance boosting and rehabilitation applications. Our expertise comprises electrical engineering, software development, neurosciences and life sciences. We would be eager to join or manage a partnership which can utilize these skills, for example (but not limited to) one that aims to develop telemedicine systems. Our strong collaboration with the Research Centre for Natural Sciences (Hungary) allows us to undertake management roles if needed.

Type

Partner seeks Consortium/Coordinator

Consortium/Coordinator seeks Partners

Giedre Urbonaviciute

Vsi VUL Santaros klinikos

Scientific Project Manager

ABOUT

Vilnius University Hospital Santaros Klinikos (VUL SK) is one of the leading tertiary-level health care and research institutions in the Baltic States. The hospital provides state-of-the-art healthcare services for patients from Lithuania and abroad. It has 36 specialized medical centers and is a full member of twelve European Reference Networks. There are 1840 inpatient beds where approximately 90 000 patients are treated annually. Complex ambulatory health care is well developed with 1 000 000 outpatient consultations and 50 000 complex surgical operations provided each year. The hospital has more than 6000 employees including 1,269 physicians, 1,944 nurses and other highly qualified staff. The institution contains an extensive basis for specialist training and serves as the major healthcare center for residency training in various medical fields. The hospital has expertise in research and development, phase I-IV clinical trials of investigational medicinal products and medical devices, observational studies, and international registries.

The Hospital is also a leader in health information and communication technologies and medical informatics. It has infrastructure for medical record data integration and extraction from EHR and VivaPort systems. VULSK has been using electronic health records for the past 25 years allowing easy data access (more than 4PB). The data are accessible at SANTA_HIS ranges from unstructured text to imaging and genomic data. Covering data domains - Person, Observation Period, Visit Occurrence, Visit Details, Condition Occurrence, Death, DrugExposure, Procedure Occurrence, Device Exposure, Measurement, Observation, Specimen, Provider, Location, Care Site, and Cost. VULSK has an operating biobank containing more than 200.000 different samples collected (Viable cells, Serum; Plasma; WBC; Nasopharyngeal swabs; RNA; Saliva; Fixed cells for FISH) paired with actual health data.

🔗 <https://www.santa.lt/>



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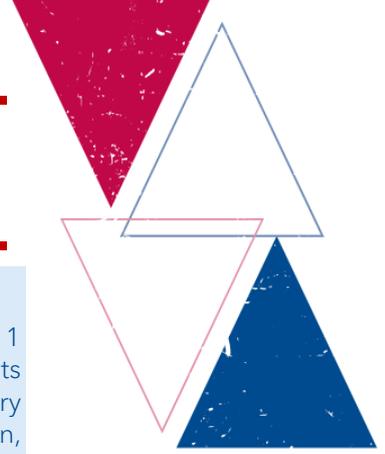
Tanay Uyar
Bodrum Municipality
Prof. Dr., Consultant of the Mayor of Bodrum

ABOUT

Bodrum, a world brand in the tourism industry, is a coastal town with a population of over 1 million and a resident population of approximately 190000, with the participation of tourists from Europe and various countries of the world, and guests from other cities of our country in the summer season, where modern and traditional textures come together. In addition, over 80000 boats of different sizes visit Bodrum shores every summer season.

We are aware that combating and adapting to climate change use of renewable energy, decarbonisation, circular economy, etc. are topics that can be resolved through multidisciplinary collaborations and Bodrum Municipality wants to take part in projects with all its stakeholders in order to take steps towards the EU Green Deal and Climate Neutral Cities target. Please do not hesitate to contact us at nilay.karamustafaoglu@bodrum.bel.tr as a partner in implementing projects and technology opportunities to bring our Bodrum City to European standards.

<https://www.bodrum.bel.tr/en/>



Dovile Uzdavinyte
Lithuanian University of Health Sciences
International Projects Manager

ABOUT

Lithuanian University of Health Sciences (LSMU) is the largest institution of higher education for biomedical sciences in Baltic region and Lithuania also one of the largest universities in Europe specializing in health sciences. LSMU successfully integrating studies, research, and clinical practice. They offers all-level, integrated and residency study programmes focused on health, agricultural and veterinary sciences. LSMU trains doctors, pharmacists, odontologists, nurses, specialists in rehabilitation, public health, veterinary medicine, animal sciences and other healthcare specialists.

<https://lsmu.lt/en/>

Maria Vargas-Moniz
R&D Unit
Researcher

ABOUT

The overall aim of the Applied Psychology Research Center Capabilities & Inclusion - APPsyCI - is to strengthen the capacity of individuals, groups, families, organizations and institutions to develop solutions to concrete societal and complex problems across the life-span, promoting collaborations amongst the public, private and non-profit sectors.

<https://www.appsyaci.pt/>

OPPORTUNITIES

◆ **Project Cooperation**

ADVANCE_EU: Fostering Health & Well-Being through Social and Digital Inclusion

The Health and Mental Health of Children & Youth is being challenged by the predominance of biomedical approaches to life challenges, and critical events undermining the inherent capabilities of young generations to contribute to social and community-based change. The ADVANCE_EU Project is a multipurpose action research initiative focused on health promotion (Physical & Mental) using co-constructed digital platforms to foster children/youth-adult partnerships for community health and well-being "WE MATTER".

Type Consortium/Coordinator seeks Partners



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Liudmyla Vasylenko
Prime Lab Tech LLC
SEO PhD in Economics

ABOUT

Prime Lab Tech LLC - Laboratory. Ukraine occupies a fairly significant place in the global ranking for the area of agricultural land (in the TOP-10, occupying the 6th place in the world) and owns 43.37 million hectares (ie 2.31% of the world's arable land area). The soil cover of the country is characterized by significant variegation both in terms of morpho-genetic and qualitative characteristics, which increases the number of objects for monitoring the state of the environment.

The activity of certified agrochemical laboratories expands the possibility of taking these features into account. In particular, the long-term experience of PLT LAB, accredited in accordance with the requirements of ISO / IES 17025, which includes cooperation with about 2,000 agricultural enterprises of Ukraine, allowed us to analyze within 1,850,000 hectares of land areas! The existing database of available analytical material of the laboratory, obtained within a certain region and characteristic of a specific type of soil, allows to assess the level of its fertility, to compare it with the productivity of crops and to develop recommendations for rational land use. Agrochemical service is an independent type of activity that has turned into an important subdivision of the infrastructure of agricultural production, which significantly affects the final results of not only preserving the environment, but also increasing its efficiency. The provision of qualified agrochemical services for the development of recommendations for their use in accordance with the needs of plants and soil, taking into account the climatic features of the region, makes it possible to save up to 36% on the purchase of fertilizers..

🔗 <https://plt.land/uk>

Maria Isabel Veiga
University of Minho; Life and Health Sciences Research Institute (ICVS)
Principal Investigator

ABOUT

High adaptability is crucial for pathogens causing human diseases, like Plasmodium falciparum, Mycobacterium tuberculosis, HIV-1, and SARS-CoV-2, to thrive in the host's microenvironment. These pathogens skillfully evade the immune system, replicate or persist, and transmit. Evolutionary and adaptive mechanisms also contribute to antimicrobial resistance development. Genome and epigenome regulation underpin these processes, adhering to fundamental molecular biology principles.

Leveraging computational systems biology and 'OMICS' technologies help us stay ahead of emerging infectious disease threats, particularly antimicrobial resistance. Functional and experimental genetics, including genome editing and RNA-level gene expression modulation, enhance our understanding of how genetic variations impact biological functions, enabling functional validation of molecular targets and biomarkers.

The integration of evolutionary genomics and experimental genetics offers novel insights into microbial pathogenicity mechanisms, paving the way for innovative, specific, and effective diagnostics and therapeutic interventions.

🔗 <https://icvs.uminho.pt/research/>



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Viktor Veliks
University of Latvia
Researcher

ABOUT

Scientific activity at the University of Latvia takes place both in faculties and scientific institutes. The University of Latvia conducts research in more than 50 research areas. Scientists from the University of Latvia have developed significant studies that have contributed to the competitiveness of the national economy and the improved quality of life. UL grows as a modern academic institution that provides an environment and infrastructure for outstanding achievements in research, studies and creative endeavours.

🔗 <https://www.lu.lv/>

Athanasios Vidakis
National Technical University of Athens

OPPORTUNITIES

◆ **Project Cooperation**

Remote monitoring, Clinical decision support system, Infrastructure, Patient risk stratification

With several years of experience in the Digital Health industry, I have been dedicated to developing solutions that empower individuals to effectively manage their health conditions and make positive lifestyle choices. As a Technology/Product Lead in US-based digital health startups, I have successfully managed and developed products, spearheaded the development of novel biomarkers, and ensured the establishment of secure and compliant infrastructure on AWS and GCP, adhering to HIPAA, SOC2, and ISO27001 guidelines. My expertise extends to areas such as DevOps, MLOps, and healthcare analytics utilizing OHDSI and Gut Microbiome Analysis.

Recently, I have shifted my focus to the EU Healthcare landscape, driven by a strong passion to deploy innovative solutions in the EU market. I am particularly enthusiastic about creating software as medical device solutions that adhere to regulatory guidelines like DiGA, and collaborating with hospitals in the EU to implement remote monitoring solutions. Through my role as a consultant, I have been actively assisting various companies in deploying their own digital health solutions.

Currently, I am in the process of completing my Master's degree in Translational Engineering in Health & Medicine at NTUA, further deepening my knowledge and expertise in the field. I strongly believe that partnerships within EU Cluster Health will provide us with the opportunity to investigate and innovate, ultimately working towards a healthier world for everyone.

Please feel free to reach out to me as I am open to discussions and potential collaborations. Additionally, I have a strong network of talented engineers and product professionals whom I can potentially bring on board to support our partnership endeavors.

Type

Partner seeks Consortium/Coordinator



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Nastja Vodeb
National Institute of Chemistry
Project coordinator

ABOUT

RESEARCH Basic and applied research are oriented towards fields which are of long-term importance to both Slovenia and the world: materials research, life sciences, biotechnology, chemical engineering, structural and theoretical chemistry, analytical chemistry and environmental protection; through which the institute is in line with the needs of the domestic and foreign pharmaceutical, chemical, automotive and nanobiotechnological industries.

The work of the Institute is also in line with the priority thematic areas of the EU Research and Innovation programme Horizon 2020, which places an emphasis on nanotechnology, genomics and biotechnology for health, climate change, energy, sustainable development and global change and quality and safety of food.

EDUCATION Currently 130 graduate students are being trained at the Institute within the national Young Researchers Program for the acquisition of their PhD degrees. The young researchers represent about 34% of the Institute's staff members, making National Institute of Chemistry one of the leading Slovenian organizations for graduate-level education and training.

COOPERATION WITH INDUSTRY Research is oriented towards the development of new technologies and products, which will help to ensure the long-term development of Slovenia and which are internationally relevant. Industry is an important partner to the Institute in these endeavors. There are a number of Slovenian companies with whom the Institute has entered into close long-term cooperation, as well as a number of well-regarded foreign companies. From a financial point of view, this kind of cooperation represents 20% of the income of the Institute.

<https://www.ki.si/en/>

Biljana Vuckovic
Faculty of Medicine University in Novi Sad
Associated Professor at the Department of Pathophysiology

ABOUT

The Faculty of Medicine of Novi Sad is a higher education institution within the University of Novi Sad which conducts higher education study programmes, as well as scientific research in the fields of Medical Sciences, Social Sciences and Humanities, and Interdisciplinary Programmes.

Within the field of higher education, the Faculty conducts studies of the first, second and third level, as well as various forms of studies of knowledge innovation and vocational education. With its educational, scientific and healthcare activities, the Faculty contributes to the provision of personnel whose knowledge and skills correspond to the needs and standards of a wider area, and thus participates in improving and preserving the health of the population. Within the field of scientific research, the Faculty of Medicine seeks to contribute to the scientific development and the provision of young scientists among students and associates.

Apart from educational and scientific research activities, the Faculty of Medicine in Novi Sad nurtures publishing, disposes of a rich library fund, and works on the development of information infrastructure.

<https://www.mf.ans.ac.rs/>

OPPORTUNITIES

◆ **Project Cooperation**

Blood Viscosity and Standard Coagulation tests in the early detection of Sepsis induced coagulopathy

Sepsis is a life-threatening organ dysfunction caused by a dysregulated host response to infection. It is well known that this systemic inflammation is associated with a wide range of hemostatic changes, from mild activation of coagulation to serious clinical manifestations triggered by disseminated intravascular coagulation. As sepsis induced hemostatic disorders are crucial for clinical outcome, fast and reliable detection of their presence is of great interest. At the same time, assessment of coagulation status in sepsis patients is complex.



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Up-to-date diagnostic approach is based on global coagulation and fibrinolysis testing and it is time consuming, methodologically demanding, challenging for interpretation and frequently not available for clinical use. We hypothesize that determination of rheological characteristics of the blood, based on its viscosity can be used instead standard coagulation tests in early detection of sepsis induced coagulopathy, and our objectives are to investigate whether determination of rheological properties of blood can be used in early detection of sepsis induced coagulopathy, is it of additional value in comparison with standard coagulation testing, and are there any differences in hemorheological properties of different blood derivatives. Study sample will include 60 patients with diagnosis of sepsis. Blood samples will be collected at the moment of sepsis diagnosis establishing, and 24 and 48 hours after that. After testing of samples with coagulation and rheological tests we will perform statistical analysis in order to investigate our hypothesis.

Hopefully, trans-disciplinary approach of this study, combining experts in the fields of medicine and technology will add important relations between links of the hemostatic mechanism chain in sepsis, giving us useful new diagnostic tool that can be very important in prompt and adequate therapeutic reaction.

Type

Partner seeks Consortium/Coordinator

Ourania Xylouri

Athens Lifelong Learning Institute

Director

ABOUT

The Athens Lifelong Learning Institute is a research and education institute, based in Athens, Greece. It has the mission to foster and enhance innovation processes mainly in the areas of education and lifelong learning, human capital development, knowledge society and social inclusion.

The Institute exhibits an active interest in a number of social issues such as social exclusion, discrimination and suppression of human rights and has attempted through the implementation of innovative learning methodologies to moderate their impact.

The Athens Lifelong Learning Institute contributes to the education ecosystem through R&D activities, creating open education programmes, collaborating and promoting collaboration with advanced scientific organisations and organising educational events. It has a long experience in the development of educational curricula and programmes that keep abreast to the new developments, social demands and European priorities and endorses a firm belief that real-world problem-based learning and innovative teaching methods inspire curiosity and improve learning ability, especially for disengaged and disconnected learners.

Our team of 15+ researchers, trainers, educators, project managers, social entrepreneurs, IT developers, graphic designers work together with the ultimate goal of human capital development and social inclusion in a local, national and European level. People working or cooperating with the Athens Lifelong Learning Institute have provided the Institute with the energy and vision to continue promoting high quality services and new ideas in the fields of vocational training, adult education and social inclusion. Our team represents a rather unique integration of multidisciplinary expertise and "innovative thinking" drawing on a comprehensive and diverse knowledge base combining research methods and their application, network development and implementation, policy analysis and valorisation of innovative practices; while, our team of volunteers provide invaluable services in fields of employment, education, mentoring and social and psychosocial support. Moreover, the Institute has a large pool of expert associate partners [researchers, adult trainers and educators] from which it regularly draws professionals to staff the lifelong learning activities and its research projects.

<https://athenslifelonglearning.gr/>



HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279

Kübra Yurduseven

Intract Innovation and Consultancy

ABOUT

We are an innovation management company as a group of engineers and collaborate with EU project coordinators for EU-funded projects. As Intract, we reviewed Horizon Europe calls and study on different use cases and potential partners. We are preparing potential use cases/ideas/demo scenarios for each call and trying to build partner groups for them (not limited to Turkish organizations).

If you have started or you are planning to write a proposal for any call, we will be happy to be involved at the beginning for;

- Supporting on project idea development
- Supporting on use cases/demo scenarios
- Supporting on consortium building
- Participating as partner (not mandatory for our involvement)

We are also a potential partner for the projects for the tasks listed below.

- IPR Management
 - Tracking inventions and making a patent search
 - Preparing patent search reports to inform partners about new patent applications
 - Tracking all publications during dissemination to prevent a right loss because of sharing knowledge before the patent application
 - Following project's IPR portfolio
- Supporting project management and dissemination activities.
 - Project management
 - Quality management of the project
 - Social media management
 - Brand communication
 - Organizing events, meetings, and workshops

As a consultancy company, we are searching for opportunities for our hospital clients. They are interested in both preclinical and clinical research.

🔗 <https://intract.com.tr/>



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Selay Yüksel

Mia Teknoloji

Project Management Specialist

ABOUT

As MIA Teknoloji, we are working on the backend, frontend, database, integration, and operating systems (developing applications on all operating systems such as web, iOS, Android, and Windows) data collection, data classification, data analysis, and data visualization on the software development side.

1. HEALTH TECHNOLOGIES

Expertise Areas for RIA - IA • Developing Hospital Information Management System (HIMS) • Developing Digital Healthcare Service (E-Health, Telehealth / Telemedicine, Mobile or M-Health) solutions • Developing and improving Wearable Devices such as ECG, SPO2, NIBP, bloodless blood glucose meters, urine meters, smart stethoscope • Detection of diseases from radiological images and historical patient data with our teleradiology and bio-bot solutions with a decision support system • Specific Expertise in Developing Prevention Mechanisms powered by AI, and decision-support systems for NCPs such as cardiovascular, diabetes, obesity, chronic kidney disease • Data Collection, Data Classification, Data Analyses, Data Visualization • Developing communication protocol through systems or devices • Providing implementation-demonstration-pilot areas such as large-scale hospitals • Developing Metaverse-based health applications

2. ENERGY - MOBILITY

Expertise Areas for RIA - IA • Developing Energy Management System (EMS) • Real-Time Monitoring and Evaluation of consumption and production • Implementation of E-vehicle charging stations • Providing E -micro-mobility platforms (MaaS applications) • Supply E-bike • Providing implementation-demonstration-pilot area which is including solar power plant, energy storage, and EV charge stations

3. METAVERSE - IMMERSIVE TECHNOLOGIES

Expertise Areas for RIA - IA • UI/UX Design • Creating 3D Models • Development of software with Unity and Unreal Engine • Development applications for various sectors such as education, health, aviation, marketing, etc., with Augmented Reality (AR), Mixed Reality (MR), and Virtual Reality (VR), Metaverse technologies

4. AI - Artificial Intelligence

Expertise Areas for RIA - IA • Identification and Verification system • Our solution provides secure and quick authorization in areas such as access control and payment with its biometrics (face and recognition, fingerprint, finger vein print, card, and mobile technologies). • Computer Vision • Image Processing

5. SAFETY TECHNOLOGIES

Expertise Areas for RIA - IA • It is a group of systems that allows the monitoring and supervision of the security and management of one or more facilities through a single structure. • Allows the integration and operation of the system over the existing hardware without the need for institutions to make a new hardware investment. • Ensures the security and control of the country's land and sea borders. Detects incidents such as illegal transitions, terrorist acts, and smuggling, and monitors the passage of vehicles and people.

6. CYBERSECURITY

Expertise Areas for RIA - IA • Information Security Management System • Personal Data Security • DDO Information and Communication Security Guide • Document Security • End-Point Security, Monitoring, and Management • Data Loss Prevention (DLP) • Log Management and SIEM • Penetration Test

<https://www.miateknoloji.com/en/>



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Cihan Yilmaz
Vestel Elektronik Sanayi ve Ticaret A.S.
AI & IoT Researcher Software Architect

ABOUT

The VESTEL groups of companies (VESTEL) engage in research and product development, manufacturing, sales, and marketing in the consumer electronics, white goods, and digital product segments with expertise in embedded systems design, implementation, testing, integration, and manufacturing on consumer electronics, information communication technologies, and digital broadcast receiving technologies, electronic media and networking. Standing out with its competencies in manufacturing, R&D, and innovation,

Vestel is a prominent technology company and a global producer. VESTEL Electronics is the largest consumer electronics ODM/OEM Company in Europe. At the same time, VESTEL is a global group of companies, which consists of 28 companies in total, 18 of which are located abroad. Vestel's manufacturing facilities are located in Manisa. Established over a 1.1 million sqm area in Manisa, Vestel City is one of Europe's largest industrial manufacturing complexes operating in a single location. The primary focus of R&D activities is related to IoT, industry 4.0 technologies, platform digitalization, big data, artificial intelligence, computer vision, blockchain, high-definition, mobility, and connectivity. The company has integrated its product portfolio of smart devices with the Vestel Cloud and takes its current smart platform one step further with the Internet of Things applications. Actively working on IoT-based systems, the company's focus areas include sensor technologies and control systems.

 <https://www.vestel.com.tr/>

Petra Zahradníková
Comenius University, Medical Faculty
Paediatric Surgeon, Assistant Professor of Surgery

ABOUT

The main priority of the Faculty of Medicine Bratislava of Comenius University in Bratislava is to educate future physicians who understand their profession as a mission. The key activities of the Faculty of Medicine in Bratislava includes improving the quality of scientific output and doctoral studies, increasing the number of foreign students, increasing the share of grant funds in the budget, and improving its building spaces.

Medical education has been inextricably linked with science and research since its beginning. Faculty of Medicine, Comenius University in Bratislava (FM CU), the oldest and largest medical faculty in the Slovak Republic, knows the direct connection between science and education. That is also why scientific research is one of its fundamental activities. Pedagogical activity and science are inseparable at research-oriented medical faculties. The management of FF CU supports all forms of research at the faculty, including basic, applied, and clinical research.

 <https://www.fmed.uniba.sk/en/>

OPPORTUNITIES

◆ **Project Cooperation**

Development of a Clinical 3D Modeling Program to Guide Pediatric Surgery and Intervention

Surgical interventions for most paediatric surgery diseases (congenital anomalies, tumours, etc.) require precise understanding of complex anatomy. However, recent advances in 3D reconstructions, including Cinematic Rendering, Volume Rendering, 3D modeling, Virtual Reality, Augmented Reality, and 3D printing, are increasingly being used to plan complex cases bringing new insights into paediatric surgical diagnosis to guide therapeutic decisions and prognosis in different paediatric surgical areas and locations including thoracic, brain, urology, and abdominal surgery. However, all of these technologies are still not standardised in clinical practice and they still encounter challenges to their wider adoption, such as their high cost and a lack of reimbursement. Other innovations such as 3D modeling and 3D printing have increased their adoption in many surgical field.

Type

Partner seeks Consortium/Coordinator



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Izabela Zakowska

Center for Family Medicine and Local Communities, Medical University of Lodz

PhD, Chief specialist for the analysis of scientific

ABOUT

Center for Family Medicine and Local Communities, Medical University of Lodz Medical University of Lodz (MUL) is the largest medical university in Poland. MUL not only educates future doctors and specialists in the field of medicine, but also conducts research, provides research services, has specialized equipment, information resources and modern infrastructure. MUL consist of 3 clinical hospitals, 80 clinics, 86,000 patients a year, 1,600 doctors.

Centre conducts the following activities:

- 1) BIG DATA - we have expert knowledge and 5 years' experience in BIG DATA Statistical Data Analysis, Data science, statistical methods, and Data Quality using patients' BIG DATA, and ML and AI algorithms. We successfully published several research papers in highly rated medical journals in cooperation with several partners from well recognized European universities. Latest BIG DATA publication: (2022) Community determinants of COPD exacerbations in elderly patients in Lodz province, Poland: a retrospective observational Big Data cohort study.
- 2) Centre is actively involved in research, vocational training, postgraduate teaching, teaching teachers.
- 3) Participated in EU projects on infections, antibiotic use and antimicrobial resistance, patient safety, COPD.
- 4) Coordinates a research network of about 50 general practitioners.
- 5) Researchers at the Center have experience in controlled trials, qualitative and observational studies.

KEYWORDS: family medicine, research, education, Primary Health Care Center, artificial intelligence (AI), machine learning (ML), BIG DATA, statistical analysis.

 <https://en.umed.pl/>

Furkan Çiftçi

TIGA Information Technologies

ABOUT

TIGA Information Technologies Inc was established in 2007 to drive healthcare forward with its proven technology. From the first day, we started to serve, we focused on innovation, cutting-edge technology, and quality by putting patient safety at the center. Our main goal is to create a comprehensive digital health ecosystem so that everyone can access healthcare services more efficiently and benefit equally. To make this vision real, TIGA has been developing products and solutions in the health IT sector, especially in the fields of drug traceability, healthcare interoperability, patient engagement, pharma management, population health management, and personalized healthcare.

TIGA has a wide range of product scales for ensuring patient safety, empowering healthcare authorities, and providing healthcare interoperability. Almost all of these products have been used in various national and international scale projects such as the Turkish National Healthcare System, the Qatar Health Information Exchange Hub, the Central E-Prescription System of Turkey, the Central E-Prescription System of Qatar, Turkish Pharmaceutical Track & Trace System, Saudi Drug Track and Trace System, Qatar Pharmaceutical Track & Trace System, and many more.

 <https://www.tigahealth.com/>

OPPORTUNITIES

◆ Project Cooperation

Expertise offered for calls

Healthcare Interoperability is one of the main capabilities of TIGA in terms of research. TIGA developed and is still maintaining the National Healthcare System (NHS) of Turkey which is the central exchange hub under the Ministry of Health, and it is the backbone of all the subsystems



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in Turkey that collects Personal Health Records (PHRs) from all over Turkey with the integration of more than 120 thousand healthcare institutions that has 6.6 billion health records. TIGA has a product called FHIR stack to manage the big data, which is a central data solution that stores health records with seamless integration of FHIR protocol. It is interoperable with healthcare systems to develop new clinical solutions with integrated care models.

Patient Engagement: Patient engagement is one of the crucial components of TIGA'S safe patient-centered services. The product range of this area consists of enabling patients to reach personal health records, utilizing e-appointment and e-referral systems.

Personalized Healthcare: TIGA has developed 2 R&D products, Closer which enable personalized at-home care services at affordable costs for senior people, and C-player, gamified rehabilitation system that can be easily used at home to increase the continuity and frequency of treatment offered to children with Cerebral Palsy.

Health Data Intelligence expertise & Data for HORIZON-HLTH-2024-STAYHLTH-01-05-two-stage

As TIGA, we have the ability to record both drug and all other health data produced nationwide within the scope of the drug tracking system and e-Nabız projects that we developed in-house. These systems collect Personal Health Records (PHRs) from all over Turkey with the integration of more than 120 thousand healthcare institutions that has 6.6 billion health records. Utilizing the data, we want to develop analytic systems that can be fed from many data sources. The proposed system by TIGA will be nourished in the sub-disciplines of artificial intelligence such as machine learning, deep learning, data science, and an intelligent platform will emerge.

Thanks to the system, information such as the diagnosis made to patients, laboratory test results, and prescribed drugs can be grouped and evaluated specifically for different groups at a regional scale. As a result of these evaluations, treatments and policies specific to the region or group will be suggested. On the other hand, factors affecting public health will be noticed before they spread and prevention will be facilitated, the detection of situations specific to groups such as age, gender, region, occupation, and the attention of policymakers will be provided. For example, if peripheral neuropathy caused by chemotherapy applied in a region is observed more intensely than normal, the problem can be reported as an anomaly instantly, and thus the factors causing the disease can be determined. In addition, new problems and needs that will emerge with data analysis will pave the way for the development of new products and services by discussing with all stakeholders.

Type

Partner seeks Consortium/Coordinator

Safiye Ozkan Sarılı **Istanbul University Institute of Graduate Studies in Health Sciences**

OPPORTUNITIES

◆ Project Cooperation

Respiratory Measuring Face Mask

Respiratory rate is the value that shows the number of breaths a person makes in 1 minute. It is a respiratory counting mask with pressure created for the purpose of evaluating the range of respiratory rates of patients in the health sector. Thus, the breathing of patients can be counted in a much more practical and comfortable way, and time is saved.

- An expert measuring cost effectiveness
- Specialist who evaluates whether it will be suitable for all skin types
- Previous studies on this topic.

Type

Partner seeks Consortium/Coordinator

Consortium/Coordinator seeks Partners



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Monika Ślęzak

Industry Contact Point Medical Technologies and Health Coordinator

ABOUT

I work the Łukasiewicz Research Network - Polish Center for Technology Development, where Industry Contact Point Medical Technology and Health (ICP MedTech&Health) is located, operating since 2022 as part of the Industries Contact Points for Horizon Europe network in Poland. ICP initiative is a project supported by Polish Ministry of Education and Science and our support is free of charge.

The role of MedTech&Health is to actively support Polish companies, research organization and universities in establishing international contacts in order to undertake joint European projects. Our clients are entities operating in the areas of biology, biotechnology, medicine, healthcare, Computing, Telemedicine, AI, E-Health and ICT Solutions, Biostatistics, Epidemiology. They are interested in participating the international projects, including those financed in Horizon Europe Framework Programme, especially projects covered by Pillar II, Cluster 1 Health and Mission Cancer.

The scope of ICP MedTech&Health activity includes topics related to the development of technologies and solutions for: diagnostics (biomarkers, bioimaging), drug development, new vaccines, ATMPs, personalised medicine, rare diseases, innovative value-based healthcare. Along with our advisory role, we establish ties between our clients and international partners to build new project consortia, as well as constantly look for new opportunities for our Polish clients to join. We also help throughout the consortium creation and project preparation process.

 <https://port.lukasiewicz.gov.pl/en/industry-contact-point/>

Ilze Šalma

Riga Stradins University

Assistant Professor

ABOUT

Riga Stradins University (RSU) is one of the most modern universities in the Baltic States with an extensive choice of study programs in health care and social sciences and a strong foundation in research. RSU Department of Oral and maxillofacial surgery is the only oral and maxillofacial surgery unit in Latvia that does academic, scientific activity and also furthers clinical work. The main activities are undergraduate and postgraduate education and scientific research in oral and maxillofacial surgery.

 <https://www.rsu.lv/>



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