International Networking Event

Horizon Europe - Missions



Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmektedir

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ABOUT US

National Hellenic Research Foundation (NHRF), one of the largest research centres in Greece, was founded in 1958. It is a non-profit Research Foundation supervised by the General Secretariat for Research and Technology (GSRT) of the Development Ministry of and Investments in Greece. The **Institute of Chemical Biology (ICB)** at NHRF act as a focal point of Excellence, through an interdisciplinary approach in the area of Chemical Biology with the aim of providing solutions for state-of-the-art issues in the areas of health, drug research, and biotechnology. In Greece, no other Institute currently employs an analogous integrated multidisciplinary approach to disease prevention and treatment relying on the exploitation of the synergy between Chemistry and Biology, the expertise of its research staff and its state-of-the-art infrastructure. In this capacity, IBMCB promotes national research priorities on 'Biomedicine and Health', 'Agrobiotechnology and Food', and 'Energy and Environment' as tools for national economic growth (see & Co. "Greece McKinsey 10 report vears ahead"). The **Biomarker Discovery & Translational Research Laboratory** at NHRF aims to map inter-individual variability and unmask xenobiotics for ADME-Tox profiling, informed drug repurposing and companion biomarkers. Multi-omics, 3D cell models, and microfluidics serve as a toolbox.







ABOUT US





REPUBLIC OF TURKEY MINISTRY OF INDUSTRY AND TECHNOLOGY





CRAVING FOR BRAIN TEASERS



EONIKO IAPYMA EPEYNΩN National Hellenic Research Foundation

Vision

- o Translate information growth to knowledge growth
- Map inter-individual variability upon xenobiotics profiling
- (Drug) repurposing exosomes

Mission

- Proteomics-based multi-omics
- ADME-Tox in 3D
- Companion biomarkers



Dr. Katsila, Biochemist BSc (Hons) ARCS MSc PhD







HORIZON-MISS-2021-CANCER-02-01: Develop new methods and technologies for cancer screening and early detection HORIZON-MISS-2021-CANCER-02-03: Better understanding of the impact of risk factors and health determinants on the development and progression of cancer







TÜRİTAL

HORIZON-MISS-2021-CANCER-02-01: Develop new methods and technologies for cancer screening and early detection HORIZON-MISS-2021-CANCER-02-03: Better understanding of the impact of risk factors and health determinants on the development and progression of cancer

EXPERTISE ADMETOX, MULTI-OMICS, DRUG REPURPOSING, EXOSOMES

We employ state of the art pipelines (*in silico, in vitro, in vivo*) to get maximum output

PARTNERSHIP

ADMETox (in silico, in vitro, in vivo)

The team supports fit for purpose to full compliance. The team advises on study design, analytical methodology and pull through from nonclinical to clinical use plus companion diagnostics regulatory submissions.

Multi-omics strategies

LC-MS based strategies for targeted and/or untargeted analyses Wet- and dry-Drug repurposing and ADMETOX profiling

State-of-the-art pipeline for drug repurposing and ADMETOX profiling

Exosomes

Multi-modal strategies for exosomal profiling; cargo, synthesis, number









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