



Biochemist. Consultant. Entrepreneur

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Dr. Theodora Katsila is a Research Associate Professor and Group Leader at the Institute of Chemical Biology, National Hellenic Research Foundation (NHRF), where she leads the Biomarker Discovery & Translational Research Lab. Leveraging the IN3 “tri-modal innovation engine” framework, integrating *in silico*, *in vitro*, and *in/ ex vivo* approaches, her team repurposes drugs, advanced materials, and smart systems, leveraging proteoforms to highlight digital and molecular translational biomarkers. The lab focuses on extracellular vesicles/ particles as they serve as both translational biomarkers and functional tools in bioengineering and biocompatibility assessment. Dr. Katsila’s work has produced pioneering computational and experimental pipelines, all aimed at accelerating TRLs. She is a prolific author, editor, and speaker; a recipient of corporate grants; an award-winning scientist; and a co-inventor. She received the 2023 Rosalind Franklin Society Special Award in Science and was highlighted as Humans of HUPO (2023), reflecting her commitment to advancing proteomics and AI-driven translational biomarkers. Dr Katsila served as a G2MC steering committee member and co-led the G2MC FHH flagship project, among others, aiming for global outcomes and sustainability.