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Biography

Dr. Eleftherios Pilalis holds a BSc in Molecular Biology and Biochemistry and an MSc in Bioinformatics and Genomics from Aix-Marseille University, France, as well as a PhD in Bioinformatics and Metabolic Engineering from the National Technical University of Athens, Biotechnology Lab, School of Chemical Engineering. Since 2014, he has been the co-founder and CTO of e-NIOS, a bioinformatics spin-off of the National Hellenic Research Foundation, promoting applications in industry, particularly in the field of multi-omic data interpretation for Precision Medicine. With experience as both a researcher and manager in over 20 funded national and international research projects, his work focuses on developing computational applications for the high-throughput analysis, integration, and interpretation of molecular data in both industry and research. His expertise includes genomics, metagenomics, systems biology, biochemical network modeling, machine learning and AI, semantics, and cloud computing. He has authored over 30 publications in the field and has received multiple fellowships and awards, including the 2022 Pfizer-CDI Start4Health Challenge 1st prize, recognizing e-NIOS for its advancements in genomic data interpretation. He is a member of the Hellenic BioCluster (HBio) and collaborates on research projects with the National Hellenic Research Foundation and the Biomedical Research Foundation of the Academy of Athens.