Eleni Fani (Elena) Gkotsi, MSc

PhD candidate A ■ liation: Department of Biochemistry and Biotechnology, University of Thessaly National Hellenic Research Foundation (NHRF) Biomedical Research Foundation Academy of Athens (BRFAA) E-mail: efgkotsi@gmail.com Telephone: +30 210 96 55 860 Webpage/ Pubmed /Google Scholar/ linkedin : Ελ■νη -Φα ν■ Γκ■τση ■ - Google Scholar ■ https://linkedin.com/in/ef-gkotsi Research: Development of computational methods for the analysis of multi- omic data Key Words Bioinformatics, R, Python, Perl, classification/machine learning, ER stress signaling, biomarkers Elena Gkotsi received her B.Sc. in Biology from the National and Kapodistrian University of Athens and her M.Sc. in Biomedical Sciences, specializing in Bioinformatics, from the University of Cyprus. She is currently a PhD candidate in Computational Biology at the University of Thessaly, in collaboration with the National Hellenic Research Foundation (NHRF) and the Biomedical Research Foundation Academy of Athens (BRFAA). Her work focuses on large- scale data analysis (genomics, transcriptomics, proteomics, non-coding RNAs) and tool development. During the COVID-19 pandemic, she contributed to the phylogenetic analysis of SARS-CoV-2 strains. Elena is now developing machine-learning classi ■ ers for disease cases like, Triple Negative Breast Cancer (TNBC), using both public databases and in-house patient cohorts, to predict endpoints such as overall survival and to identify candidate drug-target biomarkers. These research activities are complemented by over six years of experience in the pharmaceutical industry, specializing in clinical research and drug development.

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Research	Development of computational methods for the analysis of multi- omic data
Keywords	Bioinformatics, R, Python, Perl, classification/machine learning, ER stress signaling, biomarkers
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Biography

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