

IOANNIS MICHALOPOULOS

Brief CV

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Ioannis Michalopoulos received his BSc in Biology from the University of Athens and his PhD in Molecular Biology from the University of St Andrews. Soon after the publication of the first draft of the human genome, he moved to Bioinformatics, doing post-doctoral research in the University of Leeds (2001-2005) and in the Biomedical Research Foundation, Academy of Athens (2006-2008). Since 2008, he has been working as a Staff Research Scientist – Associate Professor Level in the Centre of Systems Biology of the Biomedical Research Foundation. He is in charge of the design and maintenance of various biobank web sites (Hellenic Cord Blood Bank, Biobanking and Biomolecular Resources Research Infrastructure (BBMRI-GR), Hellenic Biobank for Parkinson Disease, etc). His research activities include many collaboration projects with experimental researchers and computer scientists in the field of Genomics, Transcriptomics, Epigenomics, Proteomics, etc. His interests include *de novo* genome assembly, gene discovery and genome annotation, differential gene expression and coexpression, construction of gene networks, differential DNA methylation, transcription factor binding site prediction, miRNA target discovery, structural bioinformatics, phylogenomics, radiogenomics, cytogenetics and pharmacogenomics. He is an expert on Linux operating system administration, Apache2 web server configuration, MySQL database management and PHP and C programming. As a web developer, he has developed many interactive bioinformatics tools. He teaches Bioinformatics, Microarray Data Analysis, -omics Technologies and Research Methodology in MSc courses such as Bioinformatics, System Biology, Molecular Medicine, Applied Dietetics and Nutrition, Neurobiology, etc. Ioannis Michalopoulos is a founding member of the Hellenic Society of Computation Biology and Bioinformatics (HSCBB) of which he was a Treasurer (2013-17) and an Associate Member of the World Academy of Sciences. He has co-organised many national and international conferences. He is a reviewer of Nucleic Acids Research, Bioinformatics, Database, Journal of Oral Pathology and Medicine, Breast Cancer Research, PLoS One, BMC Bioinformatics, etc. His publications have received over 1500 citations and they have a total impact factor of 236.922. His h-index is 21.