

Georgios A. Pavlopoulos - short CV

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BSRC Alexander Fleming, 34 Fleming Street, 16672, Vari (Athens), Greece

Web page: <http://pavlopouloslab.info>

Research Interests and Expertise

Bioinformatics, Network Biology, Big Data Analysis, Genomics, Metagenomics, Data Science, Text Mining, Data Visualization, Graph Theory, Clustering Analysis, Data Integration, Knowledge Management & Representation, Personalized Medicine, Medical Informatics, Parallel Programming

Academic Experience

Mar 2018 - present: Principal Investigator B' (Associate Professor rank)

BSRC Alexander Fleming,

Athens, Greece

Research Area: Bioinformatics, Integrative, Genome and Network Biology

Nov 2015 - Mar 2018: Bioinformatics Researcher

Lawrence Berkeley National Laboratory

DOE Joint Genome Institute

Berkeley, CA, USA

Research Areas: Genomics, Metagenomics

Jan 2013 - June 2015: Senior Post-Doctoral Researcher,

Faculty of Medicine, Division of Basic Sciences, University of Crete,

Heraklion, Crete, Greece

Research Areas: Text Mining, Network Analysis and Microarray Data Analysis

Nov 2014: Visiting Researcher

The de Novo Nordisk Foundation, Center for Protein Research, Faculty of Health and Medical Sciences

University of Copenhagen, Copenhagen, Denmark

Research Areas: Text Mining and Data Integration

Feb 2011 - Dec 2012: Post-Doctoral Fellow

Faculty of Electrical Engineering, Katholieke Universiteit Leuven

Kasteelpark Arenberg 10, Leuven, Belgium

Research Areas: Visualization of Genomic Data and Network Biology

Oct 2010 - Jan 2011: Post-Doctoral Researcher

Biomedcode Hellas SA - BSRC Alexander Fleming,

Alexander Fleming street, Vari Athens, Greece.

Research Area: Microarray Data Analysis and Data Integration for Immunology

Mar 2010 - Aug 2010: Adjunct Lecturer

Department of Computer Science and Biomedical Informatics,

University of Thessaly (former University of Central Greece),

Galaneika, Lamia, Greece.

Sept 2009 - Apr 2010 Obligatory Greek Military Service

Department of Informatics Research

National Ministry of Defence

Athens, Greece

Mar 2009 - Sept 2009 Short-term Post-Doctoral Research fellow,

European Molecular Biology Laboratory (EMBL),

Heidelberg, Germany

Research Area: Data Integration and Visualization Techniques in Systems Biology

Education

Nov 2005 – May 2009: Ph.D in Computational Biology and Bioinformatics

European Molecular Biology Laboratory (EMBL)
Department of Structural and Computational Biology.
Heidelberg, Baden Wuerttemberg, Germany.
(PhD awarded jointly with the Ruprecht-Karls-Universität Heidelberg).
Thesis: Visualization and Data Integration techniques in Systems Biology

Sept 2004 – Nov 2005: M.Res in Bioinformatics and Computational Biology

Master of Research (MRes) with *Distinction*
University of Leeds, School of Biochemistry and Microbiology, UK.
Dissertation: A parallel algorithm for microarray data clustering, based on social networks.

Sept 2000 – June 2004: B.Sc in Computer Science

National and Kapodistrian University of Athens, Greece.
School of Informatics and Telecommunications.
Dissertation: Computational Geometry in Molecular Biology

Publications

Publication list available in:

Scholar: <https://scholar.google.com/citations?user=3bL-H00AAAAJ&hl=en&pagesize=100>

PubMed: <https://www.ncbi.nlm.nih.gov/pubmed?term=pavlopoulos%20ga&dispmax=100>

ORCID: <http://orcid.org/0000-0002-4577-8276>