Curriculum Vitae
Marianthi Logotheti

Email: mlogotheti@hotmail.com
Birth Date: 01/11/1986
PhD in Biomedicine
Member of Technical Chamber of Greece

RESEARCH ACTIVITIES

01/2020 – today	Fellowship from State Scholarships Foundation IKY: postdoctoral researcher of National Technical University of Athens (post-doctoral research title: "Study of the microbiome in the blood of patients with schizophrenia") in collaboration with Medical School of National and Kapodistrian University of Athens
04/2019 – 12/2019	Researcher/Teacher for BioS: "Digital Skills on Computational Biology" in the European Framework of Erasmus+ / Sector Skills Alliances Program aiming at advancing the digital skills of medical doctors through the design, development and delivery of new modular vocational curricula on Computational Biology
01/2019 – today	OMIC_Synthetic Biology: From Omics Technologies to Genomic Engineering: Researcher in the field of Metabolic Engineering
01/2018 – 06/2018	PAMELA project: Bioinformatician (Prioritization and pathway Analysis by MachinE LeArning/ Applied in Congenital Heart Defects) – Innovation voucher funded by the European Union (PERMIDES, H2020-INNOSUP-2015-1).
07/2018 – 08/2018	Research program INNOCENT: Researcher in the field of Genomics (Innovative Nanopharmaceuticals: Targeting Breast Cancer Stem Cells by a Novel Combination of Epigenetic and Anticancer Drugs with Gene Therapy)
06/2017 – 08/2017	Research program INNOCENT: Researcher in the field of Genomics (Innovative Nanopharmaceuticals: Targeting Breast Cancer Stem Cells by a Novel Combination of Epigenetic and Anticancer Drugs with Gene Therapy)
02/2017 – today	Enios Applications IKE: R&D Engineer
11/2014 – 03/2015	Research program POM: Research Assistant/ Bioinformatician (PIK3CA Oncogenic Mutations in Breast and Colon Cancers: Development of Targeted Anticancer Drugs and Diagnostics).
01/2014 – 06/2015	Research program SIMPLE: Researcher in the field of Metabolic Engineering/ Biofuels (Sustainable Integrated Method for the Production of Lignocellulosic Ethanol project).
06/2011 – 12/2016	Research assistant in the Laboratory of Metabolic Engineering and

Bioinformatics at the Institute of Biology, Medicinal Chemistry and Biotechnology in National Hellenic Research Foundation.

09/2010 – 04/2011	Research assistant in the Laboratory of Enzyme and Synthetic Biotechnology at the Institute of Biological Research and Biotechnology of the National Hellenic Research Foundation.
07/2008 – 08/2008	Pepsico-Ivi: Internship, Department of Quality Control and Safety.
04/2007	Participation in research program of NTUA: managing the quality system of the network of the gas stations of Revoil.

EDUCATION

05/2012 – 12/2016	**PhD in Medical Science with a specialization in Biomedicine.** **Örebro University, Sweden** *Thesis: Integration of Functional Genomics and Data Mining Methodologies in the Study of Bipolar Disorder and Schizophrenia.*
09/2004 – 09/2010	**Chemical Engineer** National Technical University of Athens Direction: Food Science-Biotechnology *Thesis: Preservation of sliced toast bread using natural antimicrobials, in the Laboratory of Food Chemistry and Technology, School of Chemical Engineering*
09/1998 – 06/2004	**Varvakeio High School, Athens**

PUBLICATIONS

03/2019	Logotheti M, Chatziioannou A, Venizelos, Kolisis F (2019) Recent Advancements in Bipolar Disorder studies through Genomic, Epigenomic and Metagenomic Approaches. J Psychiatry Psychol Res, 2(1): 56-66.
01/2018	Lhomond S, Avril T, Dejeans N, Voutetakis K, Doultsinos D, McMahon M, Pineau R, Obacz J, Papadodima O, Jouan F, Bourien H, Logotheti M, Jégou G, Pallares-Lupon N, A, Patterson J, Pluquet O, Hetz C, Quillien V, Chatziioannou A, Chevet E (2018) Dual IRE1 RNase functions dictate glioblastoma development. EMBO molecular medicine, e7929
11/2016	Logotheti M, Pilalis E, Venizelos N, Kolisis F, Chatziioannou A (2016) Development and validation of a skin fibroblast biomarker profile for schizophrenic patients. AIMS Bioengineering 3(4): 552-565.
09/2016	Logotheti M, Pilalis E, Venizelos N, Kolisis F, Chatziioannou A (2016) Studying Microarray Gene Expression Data of Schizophrenic Patients for Derivation of a Diagnostic Signature through the Aid of Machine Learning. Biometrics & Biostatistics International Journal 4(5): 00106.
11/2013	Logotheti M, Papadodima O, Venizelos N, Chatziioannou A, Kolisis F (2013) A Comparative Genomic Study in Schizophrenic and in Bipolar Disorder Patients, Based on Microarray Expression Profiling Meta-Analysis. The Scientific World Journal 2013: 14.

11/2015	Logotheti M, Papadodima O, Chatziioannou A, Venizelos N, Kolisis F (2015) Gene Expression Analysis of Fibroblasts from Patients with Bipolar Disorder. Journal of Neuropsychopharmacology & Mental Health 1: 103.

TEACHING EXPERIENCE

- Teacher in BioS course: participation though webinars, workshop as we all as participation in online courses aiming at advancing the digital skills of medical doctors through the design, development and delivery of new modular vocational curricula on Computational Biology.

-Teaching in courses of the 9th semester undergraduate students of School of Chemical Engineering, National Technical University of Athens, Biotechnology laboratory.

-Teaching in practical training courses of bioinformatics tools of genomic analysis and metabolic networks, in the framework of Systemic Biology workshop: "PhD Course in Systems Biology, Athens". Organizers: Örebro University in collaboration with the National Technical University of Athens.

-Supervision in diploma theses of postgraduate and undergraduate students in the field of Bioinformatics and Biomedicice.

SKILLS

Languages	Greek – Native English – Fluent (C2 Certificate of Proficiency University of Michigan, C2 Certificate of Proficiency University of Cambridge). German – Fluent (C2 Kleines Deutsches Sprachdiplom, Goethe Institut)
Bioinformatics expertise	R, Matlab, Python, Next Generation Sequencing data analysis and interpretation, Development of workflows for genomic analyses, Metabolic modeling
Molecular Biology Techniques	Expertise in Molecular Biology techniques such as Polymerase Chain Reaction, DNA and RNA isolation, cell culturing
Authorship	Scientific articles, successful proposals for scientific programs
Fuels	Quality Control
Food science	Quality control, Organoleptic analysis