
CHRYSOULA KALIGEROU



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SCIENTIFIC INTERESTS

Hellenic Molecular Oncology Network: project implementation in the field of investigation and detection of prognostic and predictive biomarkers in patients with plasma cell/lymphohyperplastic dyscrasias. Investigation of prognostic biomarkers in Breast Cancer.

NGS field: whole exome sequencing (WES) in multiple myeloma diseases to elucidate the molecular profile of patients (gene panel).

Molecular Biology field: molecular diagnostics, with emphasis on disease mechanisms.

SKILLS

Knowledge of molecular techniques and the use of compatible equipment-machinery-platforms with: NGS, OGM, real time PCR, multiplex PCR, MLPA (Fragment Analysis on Beckman coulter analyser), inverse hybridisation on strip.

Knowledge of R programming language and the use of statistical packages.

Knowledge of foreign languages: Certificate of Proficiency in English (C2) and Diplome de Etudes en Langue Francaise (B1).

PROFESSIONAL EXPERIENCE

HELLENIC PASTEUR INSTITUTE

2023-

Working in the field of genomic analysis (NGS) at the Bioinformatics and Applied Genomics Unit.

GENOTYPOS-SCIENCE LABS

2020-2023

Working in the diagnostic field of genomic analysis (NGS) for various types of cancer and hereditary diseases

STUDIES

MSc TITLE

2018-2021

UOA: Biology and Medicine department

Postgraduate student of the interdepartmental specialization program "Applications of Biology in Medicine", score 9.44/10 .

BSc BIOLOGY TITLE

2014-2018

PATRAS UNIVERSITY
score 7.9/10.

WORKS-THESIS

THESIS

2020-2021

UOA: Biology department

Thesis on "Study of DNA repair mechanisms and genes involved in Myelodysplastic Syndromes"

THESIS

2017-2018

Patras University

Thesis on "Study of the activity of main antioxidant enzymes and lipid peroxidation in cerebral hemispheres of adult mice in the epileptic model of pentylentetrazol (PTZ) and the effects of 2 -Deoxy-D-glucose ".
