

***Curriculum Vitae* – Despoina Giamaki**



Despoina Giamaki

Tinoi 6, 71414, Heraklion, Greece

10/07/1995

Nationality: Greek

Contact

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Education

2020 - Current

Master's Degree in Molecular Biology and Biomedicine

University of Crete, Departments of Biology & Medicine, Institute of Molecular Biology and Biotechnology, Heraklion, Greece

2013 - 2019

Bachelor's Degree in Biology

Aristotle University, Department of Biology, Thessaloniki, Greece

Research & Work Experience

2021 (2 months/rotation)

Rotator Master's Student at

- George Garinis' Lab – *Genome (In)stability & Mammalian Physiology*
Institute of Molecular Biology & Biotechnology, Heraklion, Greece
- Dimitrios Tzamarias' Lab – *Biochemistry*
University of Crete, Department of Biology, Heraklion, Greece
- George Zachos' Lab - *Cell cycle & division*
University of Crete, Department of Biology, Heraklion, Greece

2019 - 2020 (9 months)

Research Assistant/Lab Manager at Brian Luke's Lab - *Genome stability & telomere dynamics*

Institute of Molecular Biology, Mainz, Germany

2019 (6 weeks)

Summer Research Student at Falk Butter's Lab - *Quantitative proteomics in telomere biology*

Institute of Molecular Biology, Mainz, Germany

2017 - 2018 (1 year)

Bachelor's thesis at Maria Touraki's Lab

Title: "Effect of probiotics on bisphenol-A levels in *Artemia franciscana*: an HPLC approach"

Department of Genetics, Development & Molecular Biology, Aristotle University of Thessaloniki, Greece

2017 (2 months)

Internship at Nikolaos Grigoriadis' Lab - *Experimental Neurology & Neuroimmunology*

AHEPA University Hospital, Aristotle University of Thessaloniki, Greece

Lab Skills

Bacteria/yeast cultures, primary cell cultures, cell lines, high-throughput senescence curves, telomere-PCR, dot blot, western blot, HPLC, transformation, transfection, ChIP, qPCR, IF-FISH

Summer schools & Online courses

2021

Drug Development & Drug Discovery online courses on Coursera

2019

IMB International Summer School "Gene regulation, Epigenetics & Genome Stability"

Institute of Molecular Biology, Mainz, Germany

2016

International Summer School "Neurodegenerative diseases: From clinic to bench"

Centre for Neurogenomics & Cognitive Research, Vrije University, Amsterdam, Netherlands

Languages & IT Skills

Greek (native), English (C2)

Microsoft Office, Image Lab, LCsolution (Shimadzu)

Scientific interests

I have always been curious to understand the mechanisms behind human diseases, like cardiovascular disorders, neurodegeneration and cancer. Since I learned that aging is a key risk factor of such pathologies, I have developed a strong interest in the biological processes that underlie the relation between health and aging. Currently, I am highly motivated to investigate metabolic alterations, epigenetic modifications, genome instability and telomere maintenance that are associated with age-related diseases in order to reach my biggest goal which is to identify new therapeutic interventions for healthier lifespan.

Interests & Hobbies

Certified rhythmic gymnastics coach with >15 years of experience

Volunteering (e.g coordinator of Kerkini volunteers 2019, Kerkini Lake National Park, Greece)