

AIKATERINI BOUMPOULI

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EDUCATION

09/2023 – CURRENTLY

M.Sc. in Molecular Biology and Biomedicine

Department of Biology, University of Crete

Department of Medicine, University of Crete

Foundation of Research and Technology (FORTH)

09/2018 – 02/2023

B.Sc. in Biology

Department of Biology, University of Crete

Specialization: Molecular Biology and Biotechnology

Grade: 7.65/10

LABORATORY EXPERIENCE

09/2024 – CURRENTLY

Master Thesis

Laboratory of Genome (In)Stability, Institute of Molecular Biology and Biotechnology, FORTH, Heraklion

Subject: The role of genetic damage in the pathophysiology of degenerative diseases associated with the aging process

Supervisor: Pr. Garinis Georgios

07/2024 – 08/2024

Rotation

Laboratory of Gene Regulation in the Immune System, Institute of Molecular Biology and Biotechnology, FORTH, Heraklion

Subject: Investigation of the development of leukemia in genetically modified mice lacking a chromatin organizer of T lymphocytes

Supervisor: Pr. Spilianakis Charalampos

04/2024 – 06/2024

Rotation

Laboratory of Genome (In)Stability, Institute of Molecular Biology and Biotechnology, FORTH, Heraklion

Subject: Investigating the role of genetic damage in mammalian physiology

Supervisor: Pr. Garinis Georgios

02/2024 – 04/2024

Rotation

Laboratory of Epigenetics and Epigenomics, Institute of Molecular Biology and Biotechnology, FORTH, Heraklion

Subject: Transcriptional regulation of genes in liver cancer

Supervisor: Pr. Talianidis Ioannis

04/2023 – 07/2023

Internship

Institute of Tumor Biology, University Medical Center (UKE), Hamburg
Subject: Investigation of potential biomarkers in circulating tumor cells (CTCs) for the early detection of melanoma disease
Supervisor: Pr. Pantel Klaus

12/2021 – 02/2023

Bachelor Thesis

Laboratory of Translational Oncology, School of Medicine, University of Crete, Heraklion
Subject: Investigation of the expression of CTLA-4 and TIGIT, two immune checkpoint molecules, in circulating tumor cells (CTCs) and peripheral blood mononuclear cells (PBMCs) in patients with small cell lung cancer (SCLC)
Supervisor: Pr. Agelaki Sofia

07/2021 – 09/2021

Internship

Microbiology Laboratory, Kavala
Supervisor: Dr. Asmani Varvara

LANGUAGE SKILLS

Greek – native speaker

English – Certificate of Proficiency in English C2, University of Michigan

German – Zertifikat B2, ÖSD

CONFERENCES

13th International Symposium on Minimal Residual Cancer, European Liquid Biopsy Society (ELBS), 02 – 04/05/2023, Hamburg

Clinical and Translational Oncology Congress, Cancer Research Support Society and University General Hospital of Heraklion, 17 – 20/11/2022, Heraklion

Liquid Biopsy in the Clinical Setting Webinar, University of Athens and Hellenic Society of Liquid Biopsy, 15/01/2022, Online

NFYA International Summit, The Littlest Tumor Foundation and NF Patients United, 10 – 11/04/2021, Online

Microscopy Seminars, Institute of Nanoscience and Nanotechnology (INN), National Centre of Scientific Research "Demokritos" (NCSR-D), 11/03 – 01/04/2021, Online

POSTERS IN CONFERENCES

Sofia Agelaki, **Aikaterini Boumpouli**, Nefeli Nikolarakou, Eleftherios Vorrias, Kleita Michaelidou, Anastasia Mala, Athina C Kyriakidou, Dimitrios Mavroudis, Maria A Papadaki. Investigating the correlation between circulating tumor cell (CTC) detection and immune checkpoint expression in the peripheral blood of patients with small cell-lung cancer (SCLC). European Lung Cancer Congress (ELCC), 2023.

Maria A Papadaki, **Aikaterini Boumpouli**, Eleftherios Vorrias, Nefeli Nikolarakou, Kleita Michaelidou, Dimitrios Mavroudis, Sofia Agelaki. Assessment of CTLA4 and TIGIT expression on CTCs and PBMCs of patients with small cell lung cancer (SCLC). 13th International Symposium on Minimal Residual Cancer (ISMRC), 2023.

Papadaki A Maria, Vorrias Eleftherios, Boumpouli Aikaterini, Nikolarakou Nefeli, Mavroudis Dimitrios, Agelaki Sofia. Correlation of the presence of circulating tumor cells (CTCs) and the expression of immune checkpoint markers in the peripheral blood of patients with small cell lung cancer (SCLC). Greek Congress of Clinical Oncology, 2023.

AWARDS

Sofia Agelaki, **Aikaterini Boumpouli**, Nefeli Nikolarakou, Eleftherios Vorrias, Kleita Michaelidou, Anastasia Mala, Athina C Kyriakidou, Dimitrios Mavroudis, Maria A Papadaki. Investigating the correlation between circulating tumor cell (CTC) detection and immune checkpoint expression in the peripheral blood of patients with small cell-lung cancer (SCLC). European Lung Cancer Congress (ELCC), 2023. **Best Poster Award in the category of SCLC**