

VLACHOGIANNI ANASTASIA

BIOLOGIST, MSc

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WORK AND LABORATORY EXPERIENCE

- 03/2025 – **Hellenic Pasteur Institute – QC Department**
Quality Control Analyst
- 06/2022 – 05/2024 **"LIFECHECK" MEDICAL LABORATORIES –**
Departments of Biopathology and Molecular Biology
Diagnosis & Results Evaluation | Laboratory Quality Manager (ISO 15189)
- 02/2022 – 05/2022 **Athens General Hospital "EVANGELISMOS" - Department of**
Immunology and Histocompatibility
Volunteer Work | Internship
- 11/2021 – 12/2021 **Athens General Hospital "ELENA VENIZELOU" –**
Biopathology Department
Volunteer Work | Internship

EDUCATION

- 2022 - 2025 **MEDICAL SCHOOL, NATIONAL AND KAPODISTRIAN UNIVERSITY of ATHENS**
Postgraduate Studies Program titled: "Medical Molecular Biopathology"
Postgraduate Thesis in the Microbiology Laboratory titled: "Assessment of the direct influence of bacterial amino acids on leukocytes activation and functions"
- 2017 - 2021 **DEPARTMENT OF BIOLOGY, UNIVERSITY OF PATRAS**
VERY GOOD Score (7, 38)
Undergraduate Work in the field of Genetics, Cell and Developmental Biology, titled: "Comparative study of the biosynthesis of reserve lipids of the wild and an evolved strain of the yeast "*Yarrowia lipolytica*"
- 2014 - 2017 **'THEOMITOR' PRIVATE SCHOOL – High School Diploma**
EXCELLENT grade (19, 7)

SKILLS

LABORATORY TECHNIQUES

- **Aseptic technique-Cell cultures:** primary cells, cell lines, fungal and bacterial cultures
- **Laboratory animals:** collection of primary and secondary lymphoid organs from euthanized mice.
- **Cell isolation:** T and B lymphocytes | macrophage production from bone marrow | fungi and bacteria from human clinical specimens and cultures
- **Cell functional assays:** differentiation of CD4+ T cells into TH subpopulations, activation of cytotoxic CD8+ T cells, polarization of macrophages
- **Multiparametric flow cytometry:** sample staining and measurement | compensation application | data analysis (dot plots, histograms, gating, statistics)
- **Molecular and other techniques:** nucleic acid isolation, cDNA synthesis, PCR, real-time PCR, multiplex PCR, RT-PCR, PCR-SSP, PCR-SSOP, electrophoresis, NGS, Southern blot, Northern blot | Western blot, HPLC, ELISA, Immuno-electro-Chemiluminescence Nephelometry |
- **Microscopy:** use of optical, electronic, confocal and fluorescence microscopes in direct and/or fixed samples

COMPUTER KNOWLEDGE

Statistical analysis program GraphPad Prism, OriginLab | Flow cytometry data analysis software (Kaluza), qPCR | PowerPoint | Word Processing - Word, Spreadsheets - Excel | Literature Bases, Databases | Internet Services

FOREIGN LANGUAGES

- **English C2**, Cambridge English: Proficiency (CPE)
- **French C2**, Institut Français, DALF-Diplôme Approfondi de Langue Française
- **Spanish B2**, Instituto Cervantes, DELE-Diplomas de Español como Lengua Extranjera

ATTENDANCE OF SEMINARS AND CONFERENCES

- Annual Immunology Seminar 2020 "Natural Immunity: New Challenges, Modern Theories"
- 12th Panhellenic Conference of the Panhellenic Union of Bioscientists "Bioscientists in Health and Environmental Preservation", 2020
- 1st Panhellenic Online Conference of Medical Biopathology, 2020
- 11th Panhellenic Conference of Medical Biopathology, 2021
- Annual Immunology Seminar 2021 "Specific Immunity: Modern Approach to

Cellular and Molecular Mechanisms"

- 2nd Panhellenic Applied Laboratory Medicine Conference, 2022
- 11th Panhellenic Conference of Clinical Microbiology and Medicine Biopathology, 2023
- 3rd Panhellenic Online Conference of Medical Biopathology, 2024
- 12th Panhellenic Conference of Clinical Microbiology and Medical Biopathology, 2025 – *Participation with Postgraduate Thesis' Project Presentation*