

Dionyssopoulou Evlampia

1. Present Occupation

Laboratory Teaching Staff at the University of Patras,
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2. Educational experience

2007 **PhD** in Medical Sciences – Immunology (Professor Athanassakis Irene), Medical School, University of Crete, Greece

2001 **BSc in Biology**, Department of Biology, University of Crete, Greece

3. Positions

2022 - today: Laboratory and Teaching Staff of Biology, Department of Sustainable Agriculture, School of Agricultural Sciences, University of Patras, Agrinio, Greece

2019 - 2022: Laboratory and Teaching Staff of Biology Department of Environmental Engineering, Polytechnic School, University of Patras

2010 - 2019: Laboratory and Teaching Staff of Biology, Department of Environmental and Natural Resources Management, Polytechnic School, University of Patras, Greece

2008 - 2010: Laboratory Teaching Staff, Department of Greenhouse Crops and Floriculture, Higher Technological, Educational Institute of Messolonghi.

4. Courses

2022 - today: Teaching laboratory courses of Biochemistry, General Microbiology, Plant anatomy and morphology, Molecular Biology and Biotechnology, Genetics and Plant Breeding, Entomology

5. Coordinator or participant in scientific research projects

2010-2012 “MicrobeGR: Supporting environmental microbiology and biotechnology research potential in Western Greece” SEVENTH FRAMEWORK PROGRAMME, Capacities, Research Potential

2013-2015 “Pesticides: Felicity or curse for the soil microbial community? SEVENTH FRAMEWORK PROGRAMME, Marie Curie, Industry-Academia Partnerships and Pathways

2013-2015 “Genomic selection in dairy sheeps”, General Secretariat for Research and Innovation (GSRI)

2013-2015 “Detection and Characterization of Bacterial Communities in Natural Populations of Tse-tse Flies' which forms part of the IAEA's Co-ordinated Research Project in 'Enhancing Vector Refractoriness to Trypanosome Infection' (IAEA: International Atomic Energy Agency)

2022-2024 “Innovative approaches to monitoring and dealing with the Asian tiger mosquito with emphasis on the technique of unleashing sterile males" [TAEDK-06173, acronym moSquITo]

2021-2025 “Development of Bio-Pesticides and -Herbicides for Sustainable Agricultural Crop Production” PRIMA2020.

6. Representative publications (up to 15), research results and academic awards

- Nominee for the 7th ROYAN INTERNATIONAL RESEARCH AWARD Reproductive Biomedicine & Stem Cells 2006
- 2nd Award New Investigator (Basic Science). 5th European Congress of Reproductive Immunology, Berlin 2007
- Elias Asimakis, Ioannis Galiatsatos, Georgia Apostolopoulou, Eleni C. Savvidou, Georgios Balatsos, Vasileios Karras, Vasiliki Evangelou, **Eva Dionyssopoulou**, Antonios Augustinos, Nikos T. Papadopoulos, Antonios Michaelakis, Panagiota Stathopoulou, and George Tsiamis*. *The symbiotic bacterial profile of laboratory reared, and field-caught Aedes albopictus* mosquitoes from Greece. Aquaculture Reports (in revision) **2025**
- Georgia Apostolopoulou, Naima Bel Mokhtar , Elias Asimakis, **Eva Dionyssopoulou** , Kostas Tzokas , George Koumoundouros, George Tsiamis and Panagiota Stathopoulou*. The impact of tank disinfectants on the development of the microbiota in gilthead seabream (*Sparus aurata*) larviculture systems PLoS One (in revision) **2025**
- Spyridon Ntougias, Żaneta Polkowska, Sofia Nikolaki, Eva Dionyssopoulou, Panagiota Stathopoulou, Vangelis Doudoumis, Marek Ruman⁴, Katarzyna Kozak, Jacek Namieśnik, George Tsiamis. Bacterial community structure in freshwater polar environments of Svalbard. *Microbes and Environment* (2016)
- Dionyssopoulou, E., Anagnostakis, E., Tselekidou, S., Athanassakis, I. Role of prostaglandin E2 in the experimental L-carnitine-induced endometriosis-like inflammatory model. *Journal of Endometriosis* Volume 4, Issue 2, April 2012, Pages 57-67, 2012
- Augustinos AA, Santos-Garcia D, Dionyssopoulou E, Marin A, Moreira M, Papapanagiotou A, Scarvelakis M, Doudoumis V, Ramos S, Franquinho AM, Borges P, Khadem M, Latorre A, Tsiamis G, Bourtzis K. Detection and characterization of Wolbachia infections in natural populations of aphids: is the hidden diversity fully unraveled? *PLoS One.*; 6(12):e28695. Epub 2011 Dec 13
- Lina Papadimitriou, Ioannis Morianos, Valentina Michailidou, Eva Dionyssopoulou, Simon Vassiliadis, Irene Athanassakis. Characterization of the intracellular profile of HLA-DR, -DM and -DO molecules in K562 and HL-60 leukemic cell lines. *Mol Immunol.* Sep;45: 3965-3973, 2008
- Dionyssopoulou E., Vassiliadis S., Evangeliou A., Koumantakis E.E., Athanassakis I. Constitutive or induced elevated levels of L-carnitine correlates with the cytokine and cellular profile of endometriosis. *Journal of Reproductive Immunology* Apr;65:159-170, 2005
- Ranella A, Vassiliadis S, Mastora C, Valentina M, Dionyssopoulou E, Athanassakis I. Constitutive intracellular expression of human leukocyte antigen (HLA)-DO and HLA-DR but not HLA-DM in trophoblast cells. *Human Immunology* Jan;66: 43-55, 2005
- Mamoulakis D., Galanakis E., Dionyssopoulou E., Evangeliou A. and Sbyrakis S. : Carnitine deficiency in children and adolescents with type 1 diabetes. *Journal of Diabetes and its*

complication Sep-Oct;18: 271-274, 2004

- Athanassakis I., Dionyssopoulou E., Papanikou S., Evangeliou A., Vassiliadis S. Early events of the exogenously provided L-carnitine in murine macrophages, T- and B-lymphocytes: modulation of prostaglandin E1 and E2 production in response to arachidonic acid. Journal of Nutritional Biochemistry June 14: 350-357, 2003
- Matalliotakis I., Goumenou A.G., Koumantakis G.E., Athanassakis I., Dionyssopoulou E., Neonaki M.A., Vassiliadis S. Expression of serum human leukocyte antigen (HLA) and growth factor (VEGF and EGF-Rc) levels in a Greek case of familial endometriosis. J.Soc.Gynecol.Invest. Feb. 10: 118-121, 2003

7. Fields of research

Insect-microbe interactions

Aquaculture and fish microbiome

Plant pathogens and plant-microbe interactions

Development of pathogen detection protocols

Human microbiome