
Curriculum Vitae in Brief

Personal Information

Full Name:	Kefala, Anastasia Maria
e-mail:	anastasia.m.kefala@gmail.com akefala@uniwa.gr

I studied Molecular Biology and Genetics (2010-2016) and I am a PhD candidate on Molecular Virology and Molecular Epidemiology at the Laboratory of Molecular Microbiology and Immunology, Department of Biomedical Sciences, University of West Attica, in Greece. My research interests focus on the field of viral genomics and the use of advanced molecular and epidemiological tools for diagnosing and monitoring viral infections in humans. During my PhD, I will study the development and assessment of innovative approaches to characterise novel viral biomarkers of Hepatitis B infection and the diversity of the relevant epidemics. During my MSc studies as well as my PhD, I received training on systematic reviews and meta-analysis methodologies and currently, I work on two systematic reviews, evaluating the burden of hepatitis viruses in Greece and the prevalence of viral infections in COPD patients.

Qualifications

2019-	PhD candidate, Laboratory of Molecular Microbiology and Immunology, Department of Biomedical Sciences, University of West Attica, Greece.
2016-2018	MSc in “Translational Research in Biomedicine, <i>Molecular diagnostics, biomarkers and targeted therapies</i> ”. Department of Molecular Biology and Genetics, School of Health Sciences, Democritus University of Thrace, Alexandroupolis, Greece.
2010-2016	BSc, Department of Molecular Biology and Genetics, School of Health Sciences, Democritus University of Thrace, Alexandroupolis, Greece.

Scholarship

Erasmus+ traineeship programme, National Scholarships Foundation (IKY) 2017-2018. Recipient of the scholarship, during my MSc studies, in order to visit Dr. Darren Smith’s Research Laboratory, Department of Applied Sciences, Northumbria University, Newcastle-upon-Tyne, United Kingdom for a 4 month traineeship. *Traineeship title: “Assessing how bacteriophages modulate the pathogenicity of Pseudomonas aeruginosa infection in cystic fibrosis and chronic respiratory disease”.*

Scientific publications

- O. Pappa, A. Beloukas, A. Vantarakis, A. Mavridou, A. M. Kefala, A. Galanis (2017), Molecular characterization and phylogenetic analysis of *Pseudomonas aeruginosa* isolates recovered from Greek aquatic habitats implementing the Double Locus Sequence Typing scheme, *Microbial Ecology*, 74:78-88; doi:10.1007/s00248-016-0920-8
- Athena Mavridou, Olga Pappa, Olga Papatzitze, Chrysa Dioli, Anastasia Maria Kefala, Panagiotis Drossos, Apostolos Beloukas (2018), Exotic Tourist Destinations and Transmission of Infections by Swimming Pools and Hot Springs- A Literature Review, *International Journal of Environmental Research and Public Health*, 15(12), 2730; doi:10.3390/ijerph15122730

Participation in Scientific meetings/conferences

Posters:

- 2015: 5th PanHellenic Conference of Medical Laboratory Technologists, Athens, Greece
“Application of Multi Locus Sequence Typing (MLST) in environmental *Pseudomonas aeruginosa* isolates”, A.M. Kefala, O. Pappa, A. Mavridou, A. Galanis.

- 2015: 6th Congress of European Microbiologists, FEMS, Maastricht, Holland.
"Molecular characterization of *Pseudomonas aeruginosa* population in aquatic environments of Greece", O. Pappa, A. Vandarakis, A. M. Kefala, A. Mavridou, A. Galanis.
- 2015: VI International Conference on Environmental, Industrial and Applied Microbiology, BioMicroWorld, Barcelona, Spain.
"Molecular characterization of antibiotic resistant *Pseudomonas aeruginosa* isolates deriving from aquatic environments of Greece", O. Pappa, A. Vandarakis, A. M. Kefala, A. Mavridou, A. Galanis.
- 2015: 66th Congress of the Hellenic Society of Biochemistry and Molecular Biology, Athens, Greece.
"Application of Multi Locus Sequence Typing (MLST) in environmental *Pseudomonas aeruginosa* isolates", A. M. Kefala, O. Pappa, A. Mavridou, A. Galanis.
- 2016: 67th Congress of the Hellenic Society of Biochemistry and Molecular Biology, Ioannina, Greece.
"Employing the Double Locus Sequence Typing methodology to characterise the phylogeny of *Pseudomonas aeruginosa*, a bacterium well established in Greek aquatic habitats", O. Pappa, A. Beloukas, A. Vantarakis, A. Mavridou, A. M. Kefala, A. Galanis.
- 2017: 68th Congress of the Hellenic Society of Biochemistry and Molecular Biology, Athens, Greece.
"Molecular characterization and phylogenetic analysis of aquatic *Pseudomonas aeruginosa* isolates from Greece implementing the Double Locus Sequence Typing (DLST) scheme", Pappa O., Beloukas A., Kefala A. M., Vantarakis A., Mavridou A., Galanis A.
- 2019: 6th PanHellenic Conference of Medical Laboratory Technologists, Athens, Greece. (Awarded)
"Molecular epidemiology of *Ps. aeruginosa* isolates from hospitalized patients". M. Dimitriou, A.M. Kefala, K. Trifinopoulou, K. Kostoulas,, C. Dioli, E. Moraitou, M Panopoulou, E. Vogiatzakis, A. Mauridou, A. Galanis, O. Pappa, A. Beloukas

Oral presentations:

- 2015: 5th PanHellenic Conference of Medical Laboratory Technologists, Athens, Greece.
"Antimicrobial Resistance Study of environmental *P. aeruginosa* strains to common antibiotics", O. Pappa, A. Vandarakis, A. M. Kefala, A. Mavridou, A. Galanis.
- 2016: 27th National Congress of the Hellenic Society of Hematology, Thessaloniki, Greece.
"CSF3R mutations detection in patients with myeloid neoplasms", A. Giannopoulos, A. M. Kefala, C. Zoi, T. Loupis, T. Vasilakopoulos, G. Dryllis, E. Terpos, D. Gougopoulou, I. Papadaki, M. Voulgarelis, N. I. Anagnostopoulos, M. Mantzourani, M. Politou, K. Konstantopoulos, D. Loukopoulos, G. Vasilopoulou, K. Zoi. Abstract #60; Haema 2016; Vol 7: p68-69.
- 2018: 8th Panhellenic Congress of Forum: Public Health and Social Medicine, Larisa, Greece.
"Molecular typing and phylogenetic diversity of clinical *Pseudomonas aeruginosa* isolates", O. Pappa, A.M. Kefala, M. Dimitriou, K. Kostoulas, C. Dioli, E. Moraitou, M Panopoulou, E. Vogiatzakis, A. Mauridou, A. Galanis, A. Beloukas.
- 2018: 11th Panhellenic Conference of PanHellenic Union of Bioscientists, Biosciences in the 21st Century, Athens, Greece.
"Molecular typing and phylogenetic diversity of clinical *Pseudomonas aeruginosa* isolates", A.M. Kefala, O. Pappa, M. Dimitriou, K. Kostoulas, C. Dioli, E. Moraitou, M Panopoulou, E. Vogiatzakis, A. Mauridou, A. Galanis, A. Beloukas.
- 2019: 8th International Conference on Swimming Pool and Spa, Marseille, France
"Resistance profiles of *E.coli* isolates deriving from two central swimming pools of Athens in Greece", C. Dioli, O. Papatzitze, A.-M. Kefala, D. Marios, A. Beloukas, A. Mavridou, O. Pappa
- 2019: 6th PanHellenic Conference of Medical Laboratory Technologists, Athens, Greece.
"The role of *Pseudomonas* inside and outside the hospital environment". (Invited speaker)
- 2019: 6th PanHellenic Conference of Medical Laboratory Technologists, Athens, Greece.
"Study of the resistance profiles of *E.coli* isolates deriving from two central swimming pools of Athens", C. Dioli, O. Papatzitze, A.-M. Kefala, D. Marios, C. Vogiatzaki, E. Giannoulaki, A. Beloukas, A. Mavridou, O. Pappa