

PAPAZLATANI CHRISTINA

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EDUCATION

- 2017-Present PhD student at the laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly
- 2016-2017 Master's Degree at Biotechnology – Nutrition and environment, Department of Biochemistry and Biotechnology, University of Thessaly.
Title of Master's thesis: *"Mapping of the main soilborne plant pathogenic fungi in soil from protected crops from Crete, Peloponnese and western Greece"*
Graduation Grade: 8.5
- 2010-2015 Bachelor studies at University of Thessaly, Department of Biochemistry and Biotechnology
Title of thesis: *"The effect of fumigant formulation PALADIN® in the population of selected soilborne phytopathogenic fungi"*
Graduation grade: 7,96

SCHOLARSHIP

- 24/04/2018- 24/04/2021 State Scholarships Foundation (IKY), Operational Programme «Human Resources Development, Education and Lifelong Learning» in the context of the project "Strengthening Human Resources Research Potential via Doctorate Research" (MIS-5000432)

WORK EXPERIENCE

- 11-13/10/2018 Volunteering 1) as an Evaluation Coordinator, 2) in the preparation of an exhibit about the history of chocolate and 3) participating at the exhibit of the laboratory of Plant and Environmental Biotechnology at the first Thessaly Science Festival, in The Mill of Pappas, Larissa.
- 2017 Volunteering in the project "Biology goes to kindergarten". A project about visiting kindergarten and elementary schools to educate students about the researcher's job.

01/09/2014- 28/02/2015 Participation on the Erasmus Plus European Programme in the laboratory of Phytopathology in Wageningen University, Netherlands. Performed study on “*Bacterial endophytes of tomato leaves: 1) Antifungal properties and 2) Influence of leaf health on microbiome*”

PERSONAL SKILLS AND COMPETENCES

Technical Skills Molecular Techniques: Polymerase Chain Reaction (PCR, Real time PCR), Construction of Clone Libraries, Ligation Reaction, Transformation of Bacterial Cells, DNA Clean Up from PCR and agarose gel, Agarose Gel Preparation and DNA Electrophoresis
Classical Microbiology: Culture Media Preparation and Inoculation, Isolation of Pure cultures, Isolation of microorganisms from various environmental niches,
Microscopy: Optical microscopy
Analytical Techniques: Liquid-liquid and solid-liquid extraction of organic molecules, Use of Rotary evaporator, Use of HPLC/DAD system,

Computer Skills: Basic knowledge of Bioinformatics: Beginner in analysis of Illumina DNA sequencing data, Adequate user of R, Familiar with Ubuntu operating system
Excellent use of MS Office’s Word, Excel, Powerpoint

Languages Greek: Native
English: Fluent

CONFERENCES/SEMINARS ATTENDANCE

18-20 April 2019 8th Conference of the Hellenic Scientific Society of Mikrobiokosmos
Workshop on Analysis of Microbial NGS data
Place FORTH/ICE-HT Conference Centre, Patra

15-18 November 2018 Hellenic Bioinformatics Conference 2018,
Workshop on RNA-seq and CHIP Seq data analysis
Place Thessalonika concert hall, Thessaloniki

24-28 June 2018 Summer School of Mikrobiokosmos: “The role of microbiome in ecosystem functioning, food security, human health and environmental protection
Place Conference and Cultural Center of the Univ. of Thessaly, Pelion

20-17 February 2018 Workshop on genome assembly.
Content Sequencing technologies, Genome assembly methods, Practical on Escherichia coli O157:H7 genome assembly
Place Department of Biochemistry and Biotechnology, University of

14-15 June 2017	Thessaly, Larissa Workshop on metagenomics.
	Content Application of meta-omics on water and land environments, Data processing.
	Place Conference and Cultural Center of the Univ. of Thessaly, Pelion
7-9 April 2017	7th Symposium of the Scientific Society of MIKROBIOKOSMOS,
	Place National Hellenic Research Foundation, Athens
31 October 2014	Royal Dutch Society for Microbiology (KNVM) fall meeting,
	Place Royal Artis Zoo, Amsterdam
6-8 December 2013	Congress of the Hellenic Society of Biochemistry and Molecular Biology,
	Place Eugenides Foundation, Athens

PRESENTATIONS ON CONFERENCES

Papazlatani C., Perruchon C., Katsoula A., Lagos S., Papadopoulou E.S., Vasileiadis S., Karas P.A., Karpouzas D.G. Isolating bacteria able to rapidly degrade fungicides used in fruit packaging industry: Tailored made inocula for the treatment of relevant agro-industrial effluents, 8th Conference of the Hellenic Scientific Society of Mikrovioskosmos (poster)

Papazlatani V.C., Karas A.P., Tucacat G., Karpouzas G.D. Expanding the use of biobeds: Dissipation and adsorption of pesticides contained in effluents from seed-coating, bulb disinfection and fruitpackaging activities. 8th Conference of the Hellenic Scientific Society of Mikrovioskosmos (poster)

Karas P.A., Papazlatani C., Tucacat G.*, Karpouzas D.G. Testing biobeds as a possible solution for the biodepuration of pesticide contaminated wastewaters produced by various agro-industries. III Latin American Biobed Workshop, September 2017, Brazil

Katsoula A., Papazlatani C., Papadimitriou A., Rousidou C., Papadopoulou K. K., Karpouzas D. G. Estimation of the population levels of soil-born fungal plant pathogens in soils from greenhouses in Western Greece via q-PCR, 6th Symposium of the Scientific Society of MIKROBIOKOSMOS, 2015 (poster)

A. Ruud, B. Nieuwesteeg, C. Papazlatani, H. Gibriel, R. Nijland (2015) Endophytic bacteria of tomato: A source of antifungal and antibacterial compounds. (Poster) 6th Congress of European Microbiologists (FEMS 2015), 7-11 June, Maastricht

PUBLICATIONS IN PEER REVIEWED JOURNALS

Christina V. Papazlatani, Panagiotis A. Karas, Guillermo Tucacat, Dimitrios G. Karpouzas (2019) Expanding the use of biobeds: Degradation and adsorption of pesticides contained in effluents from seed-coating, bulb disinfection and fruit-packaging

activities. Journal of Environmental Management DOI:
10.1016/j.jenvman.2019.06.122

C. Papazlatani, C. Rousidou, A. Katsoula, M. Kolyvas, S. Genitsaris, K. K. Papadopoulou, Dimitrios G. Karpouzas (2016) Assessment of the impact of the fumigant dimethyl disulphide on the dynamics of major fungal plant pathogens in greenhouse soils. European Journal of Plant Pathology DOI 10.1007/s10658-016-0926-6