

Eleni Rafaila Lamprou

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EDUCATION

University of Thessaly <i>M.Sc in Application of Molecular Biology-Genetic-Diagnostic Biomarkers</i>	Larissa, Greece 2020 – 2022
Wageningen University and Research <i>Erasmus+ Exchange in Food Technology</i>	Wageningen, Netherlands 2019
University of the Aegean <i>B.Sc in Food Science and Nutrition</i>	Lemnos, Greece 2013 – 2019

EXPERIENCE

Quality Control Analyst <i>Rontis Corporation</i>	Larissa, Greece 2021–2022
<ul style="list-style-type: none">• Monitored testing procedure and verified performance of tests according to established item specifications and protocol• Inspected raw materials and finished products to verify quality and disposed items that did not meet safety requirements• Developed laboratory skills at chromatographic methods	
Editorial Intern <i>Apivita Sa</i>	2017 Athens, Greece
<ul style="list-style-type: none">• Assistant in quality control department• Assistant in extraction department• Participation in composting research• Participation in sustainable honey packaging research at marketing department	

RESEARCH EXPERIENCE

University of the Thessaly <i>Plant Biotechnology</i>	Larissa, Greece 2022
<ul style="list-style-type: none">• Study of miR171c and its target gene during simultaneous inoculation of plants by endomycorrhizal fungi and rhizobia	
University of the Aegean <i>Nanotechnology</i>	Lemnos, Greece 2017 – 2018
<ul style="list-style-type: none">• Optimization of Silver Nanoparticles Synthesis by Banana Peel Extract, Using Statistical Experimental Design, and their Antioxidant and Antimicrobial Properties	

PROJECTS AND AWARDS

Ecotrophelia <i>Innovation Project</i>	Lemnos, Greece 2016–2017
<ul style="list-style-type: none">• Eco-innovative food product and food packaging called "Honey Bee-Good"	

ACADEMIC SKILLS

- Skilled in cultivating and identifying mycorrhiza, including cultivating in vitro culture system of arbuscular mycorrhizal fungi, cleaning and staining mycorrhizal roots, quantifying mycorrhizal roots, designating mycorrhizal and nonmycorrhizal roots by microscopy
- Skilled in cultivating and identifying rhizobia, designating colonized roots by stereoscope
- Skilled in cultivating bacteria in vitro
- Skilled in RNA extraction from plant's roots
- Skilled in PCR, RT-q-PCR
- Skilled in High Performance Liquid Chromatography, Spectroscopy

PUBLICATIONS

- N.Rigopoulos, E.Thomou, **E.R.Lamprou**, V.Petropoulea, D.Gournis, E.Poulios, C.Karantonis, E.Giaouris
"Optimization of Silver Nanoparticles Synthesis by Banana Peel Extract, Using Statistical Experimental Design, and their Antioxidant and Antimicrobial Properties"CURRENT PHARMACEUTICAL BIOTECHNOLOGY,2018"

PERSONAL SKILLS

Languages: English (Certificate of Proficiency in English, University of Michigan) , Greek (Native)

Soft Skills: Adaptability, Creativity, Critical thinking, Willingness to learn

Activities: Running, Travelling, Photography

Car Diploma: B category