

# GEORGIA PANTIDI

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## EDUCATION

- May 2025— Present                      Ph.D. Candidate  
Molecular Entomology Laboratory, IMBB-FORTH, Greece  
Thesis title: Biotechnology based approaches, to understand *Bactrocera oleae* –symbiotic bacteria interactions, and develop innovative pest control applications
- Oct 2022 — Apr 2025                      Master of Science: Systems Biology  
Laboratory of Molecular Biology, Department of Biotechnology, Agricultural University of Athens, Greece  
Thesis title: Molecular responses of olive cultivars to drought stress and study of genes and enzymes involved in the biosynthetic pathway of oleosides  
Grade: 9.63/10
- Sep 2015 — Jul 2021                      Bachelor’s Degree and Integrated Master’s Degree (EQF: Level 7): Agriculture, Specialization in Plant Protection and Environment  
Department of Crop Science, Agricultural University of Athens, Greece  
Grade: 7.52/10
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## EMPLOYMENT HISTORY

- Mar 2024 — Apr 2025                      Research Assistant  
Molecular Entomology Laboratory, IMBB-FORTH, Greece  
Investigation of the symbiosis between *Bactrocera oleae* and *Candidatus* Erwinia dacicola, with emphasis on understanding their interaction and potential control strategies.
- Oct 2022 — Feb 2024                      Research Assistant  
Laboratory of Molecular Biology, Department of Biotechnology, Agricultural University of Athens, Greece  
Characterization and exploitation of olive germplasm with the aim of adaptation to climate change and the production of high nutritional and organoleptic value olive oil products.
- May 2022 — Jul 2022                      Agronomist  
Land Data L.T.D, Athens, Greece  
Surveyor in a Eurostat survey (LUCAS) on land use and coverage in areas of Crete.
- Sept 2020 — Mar 2020                      Internship  
Forest Genetics and Biotechnology Laboratory, Institute of Mediterranean Forest Ecosystems of ELGO, Athens, Greece  
Molecular identification and discrimination of plane tree and cedar with molecular markers.
- Feb 2019 — May 2019                      Bachelor Thesis  
Genetic Resources and Olive Tree Improvement Laboratory, University of Cordoba, Spain  
Thesis title: Identification of olive cultivars and genetic diversity analysis with SSRs markers.

## Internship

Laboratory of Mycology and Laboratory of Virology, Institute of Olive Tree, Subtropical Crops and Viticulture, Hellenic Agricultural Organization – DIMITRA, Heraklion, Greece  
Greenhouse experiments | Grapevine trunk disease | Grapevine viroids

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## LANGUAGES

Greek	Native speaker
English	C1
French	B2
Spanish	B2

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## PUBLICATIONS &amp; CONFERENCES

Stathaki A, **Pantidi G**, Thomopoulou M, Koudounas K.  *$\beta$ -Glucosidases in specialized metabolism: Towards a new understanding of the gatekeepers of plant chemical arsenal*. *Curr Opin Plant Biol*. 2024 Dec; 82:102638. doi: 10.1016/j.pbi.2024.102638

73rd Annual Conference of the Hellenic Society of Biochemistry & Molecular Biology, Athens, Greece, Dec 1-3, 2023. "Molecular and biochemical properties of 7- deoxyloganic acid glucosyltransferase (7-DLGT) homologues from olive tree"  
Thomopoulou M, **Pantidi G**, Stathaki IA, Mpaxevanakis I, Baldou K, Samakovli D, Koudounas K, Hatzopoulos P.

73rd Annual Conference of the Hellenic Society of Biochemistry & Molecular Biology, Athens, Greece, Dec 1-3, 2023. "Deciphering the molecular basis of drought tolerance in olive trees"  
**Pantidi G**, Thomopoulou M, Dimopoulou A, Giannoukos I, Xideros Malefakis N, Stathaki IA, Koudounas K, Hatzopoulos P.

Conference ELIADA, Agricultural University of Athens, Athens, Greece, Sept 11, 2023.  
"Innovative approaches of the Agricultural University of Athens in the genetic characterization of Greek olive varieties"  
**Pantidi G**, Oral presentation - Gene expression plasticity among olive cultivars during abiotic stress and organoleptic properties of olive oil

72nd Annual Conference of the Hellenic Society of Biochemistry & Molecular Biology, Patras, Greece, Dec 2-4, 2022. "Molecular and biochemical properties of a methylesterase (OeEAME) which converts oleuropein aglycone to oleacein in *Olea europaea*"  
Thomopoulou M, Stathaki IA, Mpaxevanakis I, **Pantidi G**, Koudounas K and Hatzopoulos P.

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## DIGITAL SKILLS

Microsoft Office, Photoshop, Bioinformatic tools

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## VOLUNTEERING WORK

Nov 2021

Worldwide Opportunities on Organic Farms (WWOOF)  
Central Italy  
Voluntary work on farms engaged in organic farming.

Mar 2018 — Jun 2018

Exhibition "Geometries"  
Agricultural University of Athens | Onassis Stegi | locus Athens  
Participation in the "GEOMETRIES" art exhibition with the volunteer group VolunteeringAUA

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