

CHRYSOVALANTOU MOUTZOURELLI

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PhD Student
Laboratory of Plant and Environmental Biotechnology, University of Thessaly

EDUCATION

2022 –PRESENT

PhD Student

Department of Biochemistry and Biotechnology, Laboratory of Plant & Environmental Biotechnology, University of Thessaly
“Evaluation of the impact of synthetic and biological nitrification inhibitors on soil microbial community and the emission of greenhouse gases”

2019-2022

MSc “Integrated Plant Protection & Environmental Management Systems”

Faculty of Crop Science, Agricultural University of Athens
MSc thesis: “Study of the effect of the necrosis and ethylene production protein (VdNEP) of the fungus *Verticillium dahliae* on its pathogenesis”

2014-2019

BSc Biochemistry and Biotechnology

Department of Biochemistry and Biotechnology, University of Thessaly
BSc thesis: “Study of the role of microorganisms in degradation of the veterinary anthelmintic drug, albendazole in soils from livestock farms from Lesvos”

WORK EXPERIENCE

06/2017-08/2017

Laboratory Assistant, Internship

Laboratory of Forensic Service of Ministry of Justice, Transparency and Human Rights Of Thessaloniki, Greece

WORK RELATED EXPERIENCE

10/2018

Volunteering, Thessaly Science Festival

10/2022

Volunteering, Athens Science Festival

SKILLS

- Languages: Greek (native) English (fluent), French (fluent)
- Microsoft Office products

LAB SKILLS

- Molecular techniques (PCR, Bacterial plasmid isolation DNA/RNA plant extraction, classical techniques of molecular cloning, transformation)
- Classical microbiology
- Analytical techniques (HPLC)

PUBLICATIONS

Lagos, S., Moutzourelis, C., Spiropoulou, I., Alexandropoulou, A., Karas, P. A., Saratsis, A., Sotiraki, S., & Karpouzas, D. G. (2022). Biodegradation of anthelmintics in soils: does prior exposure of soils to anthelmintics accelerate their dissipation? *Environmental science and pollution research international*, 29(41), 62404–62422. <https://doi.org/10.1007/s11356-022-19964-88> April 2019

CONFERENCES/SEMINARS ATTENDANCE & PRESENTATIONS

- Presentation of the bachelor's research thesis in the 8th Congress of the Scientific Society "MikroBioKosmos", "The role of the microorganisms in the degradation and transformation of the anthelmintic veterinary drug albendazole", FORTH/ICE-HT Conference Centre, Patras, 2019
- 6th Conference MIKROBIOKOSMOS, 3-5 April, Athens, 2015
- 68th Panhellenic conference of the Hellenic Society of Biochemistry and Molecular Biology, 10-12 November, Athens, 2017
- 8th Conference MIKROBIOKOSMOS, 18-20 April, Patras, 2019
- MycoKey International On-line Final Conference, 2020
- 1st International Intomed Symposium Biologicals/Biopesticides/Biostimulants and EU policies, 2020
- Online seminar on viticulture, Agricultural University of Athens, 2020
- 9th Conference MIKROBIOKOSMOS, 16-18 December, Athens, 2021