# CURRICULUM VITAE

## Evangelia S. Papadopoulou

Department of Environmental Sciiences, University of Thessaly, Geopolis, Larissa 41110

00302410684245 00306944632589

evapapadopoulou@uth.gr

nitric.bio.uth.gr

## EDUCATION

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| 1999-2004 | BSc in Agriculture, School of Agriculture, Aristotle University of Thessaloniki, Greece |
| 2004-2006 | Master of Science in Plant Protection, School of Agriculture, Aristotle University of Thessaloniki, Greece |
| 2009-2013 | Doctor of Philosophy (PhD) in Pesticide Science-Soil Microbiology, School of Agriculture, Aristotle University of Thessaloniki, Greece. Thesis entitled: *Study of the behavior of synthetic and biological pesticides in soil and their impact on the microbial community*. Supervisor: Professor Urania Menkissoglu-Spiroudi |

## APPOINTMENTS

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| 11/2020- today | Assistant Professor, Department of Environmental Sciences, University of Thessaly |

## TEACHING

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| *10/2020 - today* | *Environmental Microbiology*, Department of Environmental Sciences, University of Thessaly (BSc level) |
| *02/2020-06/2020* | *WasteProcessing Technology*, *Specialized modules in environmental Microbiology*, Department of Biochemistry and Biotechnology, University of Thessaly (BSc level) |
| *02/2019-06/2019* | *WasteProcessing Technology*, Department of Biochemistry and Biotechnology, University of Thessaly (BSc level) |

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| *02/2017-06/2017* | *WasteProcessing Technology*, Department of Biochemistry and Biotechnology, University of Thessaly (BSc level) |

## AWARDS AND ACHIEVEMENTS

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| *2017-2018* | Stavros Niarchos Foundation Scholarship for post-doctoral research at the University of Thessaly |
| *2017* | Postdoc-Research Scholarship of the State Scholarships Foundation (IKY) (1st Cycle, ESPA 2014-2020) |
| *2015* | Scholarship Award of Excellence of the Research Committee of Aristotle University of Thessaloniki for postdoctoral researchers, 2015 (nominal distinction). |
| *2015* | «K. DRAINAS» Fellowship of the Hellenic Initiative Mikrobiokosmos, 2015 |
| *2011* | Scholarship Award of Excellence of the Research Committee of Aristotle University of Thessaloniki for Ph.D. students |

## RESEARCH EXPERIENCE

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| *01/08/2018-12/11/2020* | Post-Doctoral Researcher-Principal Investigator of the project "NITRIC: Looking up for Novel Nitrification Inhibitors: New Stories with old compounds" funded by the General Secretariat for Research and Technology and the Hellenic Foundation for Research and Innovation and hosted by Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. |
| *05/06/2018-31/07/2018* | Post-Doctoral Researcher of the project "LOVE TO HATE: Pesticides – Felicity or curse for the soil microbes", NATIONAL SHAREHOLDING 2016-2017, funded by the General Secretariat for Research and Technology and hosted by Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. |
| *01/12/2017-27/04/2018* | Post-Doctoral Researcher – Stavros Niarchos Foundation Fellow of the project "Study of the MIcrobial Symbiome of plants and insects as a Source of Novel pesticide catalytic enzymes (MISSiON)", Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. |
| *04/04/2017-13/11/2017* | Post-Doctoral Researcher – State Scholarships Foundation Fellow of the project "I*n vitro* and *in situ*, assessment of the antioxidant ethoxyquin and its oxidative derivatives as nitrification inhibitors", Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki. |
| *31/03/2016-21/04/2016* | Short scientific mission to Ampére Laboratory of the École Centrale de Lyon within the frame of the Hellenic Initiative Mikrobiokosmos fellowship, 2015. Fellowship |

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| | Project: *In vitro testing of the inhibitory effect of EQ and/or its oxidation derivatives QI and EQNL on nitrification at physiological and biochemical level*. |
| *21/03/2016-15/05/2016* | Research Associate of the project "Study of the adsorption and desorption of the insecticide a-cypermethrin in soil", Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. |
| *01/09/2015-30/09/2015* | Research Associate of the project "Isolation of native arbuscular mycorrhizal fungi and development of mycorrhizal inocula for inoculation of the rizosphere and production of soil amendment products", Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. |
| *01/09/2014–31/07/2015* | PostDoctoral fellow of the project "BIOREMEDIAT - OMICS: *The microbial detoxification of pesticides from the fruit-packaging industry: using omics in bioremediation* ", Action " EXCELLENCE II ", Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, School of Health Sciences, University of Thessaly. |
| *02/04/2014-31/08/20 14* | Visiting Researcher in the IAPP Marie Curie Project "LOVE TO HATE" entitled: *Pesticides – Felicity or curse for the soil microbes*. AEIFORIA, Spin-off Company of Universita Cattolica del Sacro Cuore, Piacenza, Italy. |
| *01/11/2014-31/03/2014* | Visiting Researcher in the project "BIOBEDS: Minimizing point source contamination of natural water resources of Thessaly by the wastewaters of the fruit packaging plants", Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. |
| *03/06/2013-30/09/2013* | Visiting Researcher in the the IAPP Marie Curie Project "LOVE TO HATE" entitled: *Pesticides – Felicity or curse for the soil microbes*. AEIFORIA, Spin-off Company of Universita Cattolica del Sacro Cuore, Piacenza, Italy. |
| *31/08/2012-30/01/2013* | Research Fellow of the project "*Evaluation of Laminarine in a IPM system, for the control of TSWV and Phytopthora infestations in tobacco, variety "Basmas", in Greece",* Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki. |
| *01/11/2010-31/12/2012* | Research Fellow of the project SEE.ERA-NETplus, "Development and implementation of innovative tools to estimate the ecotoxicological impact of low dose pesticide application in agriculture on soil functional microbial diversity – ECOFUN-MICROBIODIV", funded by European Commission and the German Aerospace Centre, DLR, Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, School of Health Sciences, University of Thessaly. |
| *01/08/2012-30/12/2011* | Research Fellow of the project "*Evaluation of Laminarine in a IPM system, for the control of TSWV and Phytopthora infestations in tobacco, variety "Basmas", in Greece",* Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki. |

*22/07/2010–30/08/2010* Research Fellow of the project "Extraction of tobacco plants flowers for analysis via GC-MS", Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki

## Research Interests and Activities

- Effects of agrochemicals and agricultural practices on the function and structure of soil microbial communities
- Physiology and ecology of soil nitrifiers
- Understanding the contribution of nitrifiers to nitrogen transformation, fertiliser loss and nitrous oxide production in soil
- Study of the mechanisms driving nitrification inhibitors activity towards nitrifying organisms
- Environmental fate and behaviour of agrochemicals

## FUNDING

As Coordinator

Project NITRIC: "Looking up for Novel Nitrification Inhibitors: New Stories with old compounds"" funded by the General Secretariat for Research and Technology and the Hellenic Foundation for Research and Innovation and hosted by Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. Duration: 26/07/2018 – 25/05/2021 (34 months), Total Funding: 200000€.

- **Other scientific activities**
- Referree for scientific journals, including "Science of the Total Environment", "Frontiers in Microbiology", "Biodegradation", "PLOS ONE", "Applied Soil Ecology", "Geoderma"
- Member of the Examining Committee of 5 undergraduate students, Department of Biochemistry and Biotechnology, University of Thessaly Member of the Hellenic Initiative Mikrobiokosmos

## LIST OF PUBLICATIONS

In peer-reviewed journals

(* corresponding author)

1. **Papadopoulou E.S.*,** Bachtsevani, E., Lampronikou, E., Adamou, E., Katsaouni, A., Vasileiadis, S., Thion, S., Nicol, G.W., Menkissolgou-Spiroudi**,** U., Karpouzas, D.G., 2020. Comparison of Novel and Established Nitrification Inhibitors Relevant to Agriculture on Soil Ammonia- and Nitrite-Oxidizing Isolates. *Frontiers in Microbiology,*11:581283 doi: 10.3389/fmicb.2020.581283.
2. Perruchon C., Vasileiadis S., **Papadopoulou E.S.,** Karpouzas D. G. 2020. Genome-based metabolic reconstruction unravels the key role of B12 in Methionine auxotrophy of an *ortho*-phenylphenol-degrading *Sphingomonas haloaromaticamans. Frontiers in Microbiology,* 10: 3009 doi: 10.3389/fmicb.2019.03009.
3. Vasileiadis S., Puglisi E., **Papadopoulou E.S.,** Pertile G., Suciu N., Papolla, A., Tourna M., Karas P.A., Papadimitriou F., Kasiotakis A., Ipsilanti N., Ferrarini A.,

Sulowic S., Fornasier F., Nicol G.W., Trevisan M., Karpouzas D.G., 2018. Blame it on the metabolite: 3,5-dichloraniline rather than the parent compound is responsible for decreasing diversity and function of soil microorganisms. *Applied and Environmental Microbiology,* doi:10.1128/AEM.01536-18**.**

4. Karas P.A., Baguelin C., Pertile G., **Papadopoulou E.S.,** Nikolaki S., Storck V., Ferrari F., Trevisan M., Ferrarini A., Fornasier F., Vasileiadis S., Tsiamis G., Martin-Laurent F., Karpouzas D.G., 2018. Assessment of the impact of three pesticides on microbial dynamics and functions in a lab-to-field experimental approach. *Science of the Total Environment*, 637–638: 636–646.
5. Storck V., Nikolaki S., Perruchon C., Chabanis C., Sacchi A., Pertile G., Baguelin C., Karas P. A., Spor A., Devers-Lamrani M., **Papadopoulou E. S**., Sibourg O., Malandain C., Trevisan M., Ferrari F., Karpouzas D.G., Tsiamis G., Martin-Laurent F., 2018. Lab to field assessment of the ecotoxicological impact of chlorpyrifos, isoproturon, or tebuconazole on the diversity and composition of the soil bacterial community. *Frontiers in Microbiology*, doi: 10.3389/fmicb.2018.01412.
6. **Papadopoulou E.S.,** Perruchon C., Vasileiadis S., Rousidou C., Tanou G., Samiotaki M., Molassiotis A., Karpouzas D.G., (2018) Metabolic and evolutionary insights in the transformation of diphenylamine by a *Pseudomonas putida* strain unraveled by genomic, proteomic, and transcription analysis. *Frontiers in Microbiology*, doi: 10.3389/fmicb.2018.00676.
7. **Papadopoulou E.S.,** Genitsaris S., Omirou M., Perruchon C., Stamatopoulou A., Ioannides I., Karpouzas D.G., 2018. Bioaugmentation of thiabendazole-contaminated soils from a waste-water disposal site: Factors driving the efficacy of this strategy and the diversity of the indigenous soil bacterial community. *Environmental Pollution*, 233: 16-25.
8. Perruchon C., Vasileiadis S., Rousidou C., **Papadopoulou E.S.,** Tanou G., Samiotaki M., Molassiotis A., Papadopoulou K.K., Karpouzas D.G., 2017. Metabolic pathway and cell adaptation mechanisms revealed through genomic, proteomic and transcription analysis of a *Sphingomonas haloaromaticamans* strain degrading *ortho*-phenylphenol *Scientific Reports* 7: 6449, doi:10.1038/s41598-017-06727-6.
9. Campos M., Karas P., Perruchon C., **Papadopoulou E.S.,** Christou V., Menkissoglou-Spiroudi U., Diez M.C., 2017. Novel insights into the metabolic pathway of iprodione by soil bacteria. *Environ. Sci. Pollut. Res.,* 24: 152-163.
10. Karas P., Perruchon C., Karanasios E., **Papadopoulou E.,** Manthou E., Sitra S., Ehaliotis C., Karpouzas D. G., 2016. Integrated biodepuration of pesticide-contaminated wastewaters from the fruit-packaging industry: Bioaugmentation, risk assessment and optimized management. *J. Haz. Mat.*, 320:635-644.
11. **Papadopoulou** E.S., Karas P.A., Nikolaki S., Storck V., Ferrari F., Trevisan M., Tsiamis G., Martin-Laurent F., Karpouzas D.G., 2016. Dissipation and adsorption of isoproturon, tebuconazole, chlorpyrifos and their main

transformation products under laboratory and field conditions. *Sci. Total Environ.,* 69–570: 86–96.

12. Karas P.A., Makri S., **Papadopoulou E.S.**, Ehaliotis C., Menkissoglou-Spiroudi U., Karpouzas D.G., 2016. The potential of organic substrates based on mushroom substrate and straw to dissipate fungicides contained in effluents from the fruit-packaging industry- Is there a role for *Pleurotus ostreatus*? *Ecotoxicol. Environ. Saf.,* 124:447-454.
13. **Papadopoulou E.S.**, Tsachidou B., Sułowicz S., Menkissoglu-Spiroudi U., Karpouzas D.G., 2016. Land spreading of wastewaters from the fruit-packaging industry: are there any effects on soil microbes? The case of the antioxidant ethoxyquin and its metabolites. *Applied and Environ. Microb.,* 82:747-755.
14. Storck V., Lucini L., Mamy L., Ferrari F., **Papadopoulou E.S.**, Nikolaki S., Karas P.A., Servien R., Karpouzas D.G., Trevisan M., Benoit P., Martin-Laurent F., 2016. Identification and characterization of tebuconazole transformation products in soil by combining suspect screening and molecular typology. *Environ. Pollut.,* 208:537-545.
15. **Papadopoulou E.S.,** Lagos S., Spentza F., Vidiadakis E., Karas P.A., Klitsinaris T., Karpouzas D.G., 2015.The dissipation of fipronil, chlorpyrifos, fosthiazate and ethoprophos in soils from potato monoculture areas: first evidence for the enhanced biodegradation of fosthiazate. *Pest Manag. Sci.,* 72: 1040-1050.
16. Karas P., Metsoviti A., Zisis V., Ehaliotis C., Omirou C., **Papadopoulou E.S.,** Menkissoglu-Spiroudi U., Manta S., Komiotis D., Karpouzas D.G., 2015. Dissipation, metabolism and sorption of pesticides used in fruit-packaging plants: Towards an optimized depuration of their pesticide-contaminated agro-industrial effluents. *Sci. Total Environ. 530*-531: 129-139.
17. Perruchon C., Batianis C., Zouborlis S., **Papadopoulou E.,** Ntougias S., Vasileiadis S., Karpouzas D.G., 2015. Isolation of a diphenylamine-degrading bacterium and characterization of its metabolic capacities, bioremediation and bioaugmentation potential. *Environ. Sci. Pollut. Res,* 23: 4320-4333.
18. Karpouzas D.G., **Papadopoulou E.,** Ipsilantis I., Petric I., Udikovic-Kolic N., Djuric S., Kandeler E., Menkissoglu-Spiroudi U., Martin-Laurent F., 2013. Effects of nicosulfuron on the abundance and diversity of arbuscular mycorrhizal fungi used as indicators of pesticide soil microbial toxicity. *Ecol. Indic.,* 39: 44-53.
19. Rousidou C., **Papadopoulou E.,** Kortsinidou M., Giannakou I.O., Singh B.K., Menkissoglu-Spiroudi, U., Karpouzas D.G., 2013. Bio-pesticides: Harmful or harmless to ammonia oxidizing microorganisms? The case of a *Paecilomyces lilacinus*-based nematicide. *Soil Biol. Biochem.*, 67: 98-105.
20. Marinozzi M., Coppola L., Monaci E., Karpouzas D.G., **Papadopoulou E.**, Menkissoglu-Spiroudi U., Vischetti C., 2012. The dissipation of three fungicides in a biobed organic substrate and their impact on the structure and activity of the microbial community. *Environ. Sci. Pollut. Res.,* 20: 2546-2555.

21. **Papadopoulou E.S.,** Karpouzas D.G., Menkissoglu-Spiroudi U., 2011. Extraction parameters significantly influence the quantity and the profile of PLFAs extracted from soil. *Microb. Ecol.,* 62: 704-714.

Abstracts in National Conference Proceedings

1. **Papadopoulou, E.S.,** Lampronikou, E., Bachtsevani, E., Adamou, E., Katsaouni, A., Vasileiadis, S., Nicol, G.W., Menkissolgou-Spiroudi**,** U.**,** Karpouzas**,** D.G. *In vitro* evaluation of the inhibitory effect of Quinone Imine -the main oxidation derivative of ethoxyquin -on nitrification. 8th Conference of the Hellenic Scientific Society Mikrobiokosmos, Patras 18-20 April 2019 (Poster).
2. 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 Mikrobiokosmos, Patras 18-20 April 2019 (Poster).
3. **Papadopoulou E.S.,** Thion C., Nicol G.W., Menkisslu-Spiroudi U., Karpouzas D.G. In vitro testing of the inhibitory effect of EQ and its oxidation derivatives on nitrification. 7th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 07-09 April 2017 (Oral Presentation).
4. Karas P.A., **Papadopoulou E.S.,** Baguelin C., Pertile G., Storck V., Nikolaki S., Ferrari F., Tsiamis G., Martin-Laurent F., Karpouzas D.G. Assessing the toxicity of pesticide on soil microorganisms following a lab-to-field tiered experimental approach. 7th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 07-09 April 2017 (Poster).
5. **E. Papadopoulou**, C. Perruchon, C. Rousidou, M. Omirou, N. Stamatopoulou D.G. Karpouzas (2015) Bioaugmentation of pesticide-contaminated soils receiving wastewaters from fruit packaging plants. 2nd Environmental Conference of Thessaly, 26-28 September 2015, Skiathos, Greece (Oral Presentation).
6. **Papadopoulou E.S.,** Menkissoglu-Spiroudi U., Karpouzas D.G. (2015) The impact of ethoxyquin and its metabolites on the function of ammonia oxidizing bacteria and archaea. 6th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 03-05 April 2015 (Poster).
7. Perruchon C., Rousidou C., **Papadopoulou E.S**, Batianis K., Zouborlis S., Vasiliadis S., Tanou G., Amoutzias G., Karpouzas D. G. (2015). Isolation and proteogenomic characterization of a diphenylamine-degrading Pseudomonas putida bacterium. 6th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 03-05 April 2015 (Poster).
8. Perruchon C., **Papadopoulou E.S.,** Rousidou C., Vasiliadis S., Tanou G., Amoutzias G., Karpouzas D.G. A proteogenomic analysis of a Sphingomonas haloaromaticamans strain able to degrade the fungicide ortho-phenylphenol used in fruit-packaging industry. 6th Conference of

the Hellenic Scientific Society Mikrobiokosmos, Athens, 03-05 April 2015 (Oral Presentation).

9. **E. Papadopoulou,** I. Ipsilantis, U. Menkissoglu-Spiroudi, E. Kandeler, I. Petric, S. Djuric, F. Martin-Laurent., D.G. Karpouzas. Are arbuscular mycorrhizal fungi responsive to pesticide applications? The case of the herbicide nicosulfuron. 5th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 13-16 December 2012 (Poster).
10. **E.S. Papadopoulou**, D.G. Karpouzas, U. Menkissoglu-Spiroudi. The impact of fungicides contained in the wastewaters of fruit packaging plants on soil microorganisms. 16th National Conference of Phytopathology, Thessaloniki, 16-18 October 2012 (Poster).
11. Karpouzas D.G., Rousidou C., **Papadopoulou E.,** Omirou M., Ipsilantis I., Papadopoulou K.K, Ehaliotis K., MEnkissoglu-Spiroudi U., Singh B.K., Puglisi E. Pesticides effects on the structure and function of non-target soil microbes: Truths, lies and regulatory issues. 4th Conference of the Hellenic Scientific Society Mikrobiokosmos, Ioannina, 21-23 October 2011 (Oral Presentation).
12. **Papadopoulou E.S.,** Karpouzas D. G., Menkissoglu-Spiroudi U. Study of the extraction parameters that significantly influence the quantity and the composition of PLFAs extracted from soils. 3rd Conference of the Hellenic Scientific Society Mikrobiokosmos, Thessaloniki, 16-18 December 2010 (Poster).
13. D.S. Koveos, G.D. Broufas, M.L. Pappas, A. Della, **E. Papadopoulou** (2005). Estimating the toxicity of some insecticides and acaricides on the predatory mite Euseius finlandicus (Acarina: Phytoseiidae) populations. 11th National Conference of Entomology, Karditsa, 11-14 October 2005 (Poster).
14. D.S. Koveos, G.D. Broufas, M.L. Pappas, E. Chatzigianni, A. Della, **E. Papadopoulou**, D. Profitou-Athanasiadou, N. Koulousis (2005). Insecticide resistance of the predatory mite Euseius finlandicus (Acarina: Phytoseiidae) populations. 11th National Conference of Entomology, Karditsa, 11-14 October 2005 (Poster).

## Abstracts in International Conference Proceedings

1. **Evangelia S. Papadopoulou**, Eleftheria Bachtsevani, Eleni Lampronikou, Eleni Adamou, Afroditi Katsaouni, Cécile Thion, Sotirios Vasileiadis, Urania Menkissolgou-Spiroudi, Graeme W. Nicol, Dimitrios G. Karpouzas (2020). Comparison of the in vitro activity of novel and established nitrification inhibitors used in agriculture on soil ammonia- and nitrite-oxidizers: working out more effective nitrification inhibition strategies. 2nd International Conference on Microbial Ecotoxicology (ECOTOXICOMIC2), 06-09 October 2020, Montpellier, France (oral poster communication)
2. **Evangelia S. Papadopoulou**, Eleftheria Bachtsevani, Antonios Brouziotis, Mytro Tsiknia, Sotirios Vasileiadis, Eleni Lampronikou, Urania Menkissolgou-Spiroudi, Constantinos Ehaliotis, Dimitrios G. Karpouzas (2020). In soil assessment of the efficacy and off-target microbial toxicity of quinone imine and other established nitrification inhibitors used in agriculture. 2nd

International Conference on Microbial Ecotoxicology, 06-09 October 2020, Montpellier, France (oral poster communication).

3. **Papadopoulou, E.S.,** Lampronikou, E., Bachtsevani, E., Adamou, E., Katsaouni, A., Thion, C., Nicol, G.W., Menkissolgou-Spiroudi, U., Vasileiadis, S., Karpouzas, D.G. Exploring the *in vitro* activity of the preservative ethoxyquin and its oxidation derivatives as nitrification inhibitors against ammonia and nitrite-oxidizers. 15th Symposium on Bacterial Genetics and Ecology (BAGECO), 26–30 May 2019, Lisbon, Portugal (poster presentation).
4. **Evangelia Papadopoulou**, Eleni Adamou, Afroditi Katsaouni, Cecile Thion, Graeme Nicol, Panagiotis Karas, Urania Menkissolgou-Spiroudi, Dimitrios Karpouzas. Investigating the *in vitro* activity of the preservative ethoxyquin as nitrification inhibitor against ammonia and nitrite-oxidizers. 17th International Symposium on Microbial Ecology, 12-17 August 2018, Leipzig, Germany (Poster).
5. **E.S. Papadopoulou**, S. Vasileiadis, P.A. Karas, E. Puglisi, M. Trevisan, G.W. Nicol, F. Martin-Laurent, U. Menkissoglou-Spiroudi, D.G. Karpouzas. Ammonia oxidizing microorganisms: optimum candidate biomarkers in the assessment of the soil microbial ecotoxicity of pesticides. SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome, Italy (Poster).
6. Urania Menkissoglu-Spiroudi, **Evangelia S. Papadopoulou**, Dimitrios G. Karpouzas. Phospholipid Fatty Acid (PLFAs) analysis and its applications in the study of pesticides effects on soil microbial diversity. 3rd IMEKO FOODS *Metrology Promoting Harmonization& Standardization in Food & Nutrition*, 1 – 4 October 2017, Thessaloniki, Greece (Oral Presentation).
7. Veronika Storck, Luigi Lucini, Federico Ferrari, **Evangelia S. Papadopoulou**, Sofia Nikolaki, Panagiotis A. Karas, Dimitrios G. Karpouzas, Marco Trevisan, Fabrice Martin-Laurent (2016). Evaluation of the environmental fate and ecotoxicological impact of the pesticide chlorpyrifos in soil for improvement of its risk assessment. 7th SETAC World Congress/SETAC North America 37th Annual Meeting, 6–10 November, Orlando, Florida (Oral presentation).
8. Giorgia Pertile, Panagiotis Karas**, Evangelia Papadopoulou**, Sonia Nikolaki, Veronika Storck, Federico Ferrari, Marco Trevisan, George Tsiamis, Fabrice Martin-Laurent, Dimitrios Karpouzas (2016). Assessment of the impact of isoproturon, tebuconazole and chlorpyrifos on soil microbial abundace and functions using a lab-to-field tiered approach. 11thInternational Conference on Agrophysics, 26- 28 September 2016, Lublin, Poland (Oral Presentation).
9. **Evangelia S. Papadopoulou**, Panagiotis A. Karas, Sofia Nikolaki, Veronika Storck, Federico Ferrari, Marco Trevisan, Fabrice Martin-Laurent, Dimitrios G. Karpouzas (2015). A tiered-based approach to study the dissipation and adsorption of isoproturon, tebuconazole, and chlorpyrifos in soil. XV Symposium in Pesticide Science, 2-4 September 2015, Piacenza, Italy (Poster).
10. Pertile G, Baguelin C, Ferrarini A., Fornasier F., Karas P., **Papadopoulou E.S.**, Nikolaki S., Storck V., Ferrari F., Trevisan M., Tsiamis G., Sibourg O., Malandain C., Martin-Laurent F., Karpouzas D.G. (2015). Assessment of the impact of isoproturon, chlorpyrifos and tebuconazole on soil microbial

functions using a lab-to-field tiered approach. XV Symposium in Pesticide Chemistry, 2-4 September 2015, Piacenza, Italy (Poster).

11. Storck V., Lucini L., Ferrari F., **Papadopoulou E.S.,** Nikolaki S., Karas P.A., Karpouzas D.G Trevisan M., Martin-Laurent F., (2015). Evidence for the interest of suspect screening metabolomics to detect and identify known and unknown pesticide metabolites formed in agricultural soils. XV Symposium in Pesticide Chemistry, 2-4 September 2015, Piacenza, Italy (Poster).
12. Storck V., Lucini L., Mamy L., Ferrari F., **Papadopoulou E.S.,** Nikolaki S., Karas P.A., Servien R., Karpouzas D.G., Trevisan M., Benoit P., Martin-Laurent F. (2015). New approach to identify and categorize pesticide metabolites in soil combining suspect screening metabolomics with in silico molecular typology. Proceedings of the 5th International Conference on Environmental Pollution and Remediation, July 15-17, 2015, Barcelona, Spain (Oral Presentation).
13. Perruchon C., **Papadopoulou E.,** Rousidou K., Vasileiadis S., Tanou G., Molassiotis A., Amoutzias G., Karpouzas D.G. (2015) Isolation and proteogenomic analysis of a Sphingomonas haloaromaticamans strain able to degrade the fungicide ortho-phenylphenol used in the fruit-packaging industry. 13th Symposium on Bacterial Genetics and Ecology, 14-18 June, 2015, Milan, Italy (Poster).
14. C. Malandain, O. Sibourg, **E. Papadopoulou**, S. Nikolaki, P. Karas, V. Storck, G. Pertile, F. Martin-Laurent, M. Trevisan, F. Ferrari, G. Tsiamis, D. G. Karpouzas (2014) Assessing Pesticides Microbial Toxicity and Degradation: One Approach, Two Outcomes. Contaminated Site Management in Europe (CSME – 2014) and Sustainable Approaches to Remediation of Contaminated Land in Europe (SARCLE – 2014), Brussels, Belgium (Oral Presentation).
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Other authorial activities

Participation in the editorial -translation group of the scientific book *Processes in Microbial Ecology*, CreteUniPress (Chapter 12: The nitrogen cycle)