

The international network on Microbial Ecotoxicology



NEWSLETTER#37

https://ecotoxicomic.org/

December 2025

Recap of Two Major Events for Young Researchers

EcotoxicoMicYR 2025

Third international webinar of young researchers

- **157** participants 25 countries 4 keynote speakers
- 23 live presentations



More information here

EcotoxicoMicYR 2025 awards









Zahrasadat Alavikakhiki (INRAE)

Acute toxicity evaluation of 12 pharmaceuticals on microbial functions of periphyton



Florian Chapeau (Univ. of Toulouse 3)

Effects of graphene oxide on Xenopus laevis after multiroute exposure: an integrated host-microbiota approach



Titouan Dionet (Univ. of Lorraine)

Spore-tacular automation: deep learning analysis for aquatic hyphomycete ecotoxicological assessment

Thanks to a grant from the Journal Environmental Science and Pollution Research (Springer) and the Fondation evertéa, they will be invited to present their work at the EcotoxicoMic 2026 Conference (Thessaloniki, Greece, October, 12-14, 2026).

Best Poster Presentations



Catherine Chamorro (Univ. of Pau)

Effects and intracellular fate of cobalt (Co) in the freshwater microalga Chlamydomonas reinhardtii.



Emeline Delcros (Univ. of Pau)

Elucidation of intracellular speciation and the effects of indium on the microalga Chlamydomonas reinhardtii



Ana Luisa Mejia Camacho (Univ. of Gothenburg)

Fitness Costs Limit MDR E. coli Invasion but Not Gene Dissemination in Freshwater Sediment

All three of them were awarded with an original EcotoxicoMicYR goodie.

Many thanks to the organizing committee



Maria Sofia Agosti



Roxane Dhommée



Titouan Dionet



Lauris Evariste



Nicolas







Maria Osipenko





Suchet



First International EcotoxicoMic Researcher School

Functional Experimental Approaches in Microbial Ecotoxicology



- 5 Days (October 6–10, 2025; Arcachon, France)
- 16 early-career researchers (PhD students and post-docs)
- Reynote lectures
- Field work (incl. sampling and in situ measurements in littoral, terrestrial and freshwater environnments)
- Aquatic microcosm approaches (incl. ecotoxicological studies and functional measurements)
- Data analysis and interpretation
- Ice-breaking activities (incl. birdwatching at the Teich nature reserve)







More information and pictures here

Next EcotoxicoMic event

Fifth International Conference on Microbial Ecotoxicology – EcotoxicoMic2026

12-14 October 2026, Thessaloniki, Greece Conference website:

https://ecotoxicomic26.sciencesconf.org/



Main organizer: Prof. Dimitrios G. Karpouzas University of Thessaly (Environmental Microbiology & Biotechnology)

Upcoming Important Dates:

- 1st February 2026: Call opens for abstract submission
- 30 April 2026: Deadline for abstract submission
- **30 June 2026:** Early bird registration
- 1st September 2026: Late bird registration