

5<sup>th</sup> International Conference in Microbial Ecotoxicology

## EcotoxicoMic2026

12-14 October 2026, Thessaloniki, Greece

+ Free Pharm-ERA Side Event (15 October 2026, Morning)



The 5<sup>th</sup> EcotoxicoMic Conference will highlight the central role of microorganisms in polluted environments as:

- Mediators of pollutant degradation and detoxification, and potential vehicles for ecosystem remediation;
- Ecotoxicological indicators revealing pollutant effects on ecosystems, valuable for risk assessment;
- Carriers of antibiotic resistance genes, promoting dispersal across ecosystems within the One Health framework.

This edition will also broaden its scope to explore new and exciting research areas:

- Interactions between microbiomes and nature-based or bio-based solutions;
- Pollutant–microbiome interactions in engineered environments;
- Impacts of climate change on pollutant–microbiome dynamics.

**Main  
Organizer**



**Dr. Dimitrios G.**

**Karpouzias**

Professor in  
Environmental  
Microbiology &  
Biotechnology

**Department of  
Biochemistry and  
Biotechnology  
University of Thessaly**

### Scientific program

#### Regular sessions (12-14 October)

1. Antimicrobial Resistance - An emerging concern with growing consequences
2. Assessment of the impact of pollutants on microbial diversity and functioning
3. Potential interactions of nature-based solutions and natural toxins with environmental microbiomes
4. Microbial degradation/detoxification of pollutants and bioremediation applications
5. Interactions of environmental microbiomes with pollutants under climate change scenarios
6. Microbes, pollutants and Bioprocess Engineering

#### Round Table (13 October)

What is new in pesticide regulation regarding effects on the soil microbiota?

#### Free Side Event (15 October, limited to 60 seats)

Discover the first results and advances of the European Pharm-ERA Project (2024–2028): Improving monitoring and environmental risk assessment of pharmaceuticals, antimicrobial resistance and pathogens from terrestrial to aquatic environments

### Keynote speakers

**Prof. Joséphine Leflaive**, Univ. Toulouse (France)

**Dr. Serina L. Robinson**, Eawag (Switzerland)

**Dr. Emilie Muller**, Univ. Strasbourg (France)

**Dr. Uli Klümper**, Univ. Dresden (Germany)

**Dr. Victoria Osorio Torrens**, IDAEA-CSIC (Spain)



### Important Dates

**15 April 2026:** Application deadline for mobility Grant

**30 April 2026:** Deadline for abstract submission

**30 June 2026:** Deadline for early bird registration

**1<sup>st</sup> September 2026:** Deadline for late registration

### EcotoxicoMic Mobility Grant

EcotoxicoMic offers mobility grants to support students and researchers in microbial ecotoxicology presenting their work at the conference:

- Priority for PhDs, postdocs, early-career researchers, and applicants from low science-funding countries
- Can cover registration, travel & accommodation: €250–€1500 per person (depending on demand), provided as indirect financial support



**Conference website**

<https://ecotoxicom26.sciencesconf.org/>