

## Special Issue

# Biodegradation and Removal of Environmental Pollutants by Emerging Technologies

### Message from the Guest Editors

The Special Issue entitled “Biodegradation and Removal of Environmental Pollutants by Emerging Technologies” focuses on the biotransformation, mineralization, detoxification, recycling, amelioration and treatment of chemicals or waste materials by naturally occurring microbial strains, microbial associations or recombinant organisms. Invited manuscripts will cover a range of topics, including the biochemistry of biodegradative pathways; genetics of biodegradative organisms and development of recombinant biodegrading organisms; molecular biology-based studies of biodegradative microbial communities; and the enhancement of naturally occurring biodegradative properties and activities. The issue will also feature novel applications of biodegradation and biotransformation technology to soil, water, sewage, heavy metals and radionuclides, organohalogenes, high-COD wastes, straight-, branched-chain and aromatic hydrocarbons; coverage extends to the design and scaling up of laboratory processes and bioreactor systems. In this Special Issue, original research articles and reviews are welcome.

### Guest Editors

Dr. Katarzyna H. Kucharzyk

Battelle Memorial Institute, 505 King Avenue, Columbus, OH 43201, USA

Dr. Fadime Kara Murdoch

Battelle Memorial Institute, 505 King Avenue, Columbus, OH 43201, USA

### Deadline for manuscript submissions

closed (31 July 2023)



## Toxics

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*Toxics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[toxics@mdpi.com](mailto:toxics@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Toxics* (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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### Editor-in-Chief

Dr. Demetrio Raldúa  
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,  
08034 Barcelona, Spain

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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).