Special Issue

Pharmaceuticals in the Environment: Micropollutants and Degradation Dynamics

Message from the Guest Editors

With the development of medicine, pharmaceutical production and consumption have increased yearly. Since they are not broken down in the bodies of humans and animals treated pharmacologically, they eventually end up in sewage and the environment. The list of drugs identified in water and soil is constantly expanding. Although they are detected at micro concentrations, pharmaceuticals as biologically active compounds can threaten the proper functioning of biocenoses. We encourage researchers to submit original research papers and review articles, stimulating further efforts to develop strategies to reduce environmental pollution with pharmaceuticals and help to remove them from contaminated sites. Topics of interest in the Special Issue include, but are not limited to, the following:

- Impact of pharmaceuticals on the environment;
- AOPs as effective methods for pharmaceutical removal;
- STPs for pharmaceutical removal;
- Development of new methods for enhanced pharmaceutical degradation;
- Biotransformation and biodegradation of pharmaceuticals;
- Analysis of bioproducts from physicochemical and biological conversions of pharmaceuticals.

Guest Editors

Dr. Agnieszka Nowak

Institute of Biology, Biotechnology and Environmental Protection, Faculty of Natural Science, University of Silesia in Katowice, Jagiellońska 28, 40-032 Katowice, Poland

Dr. Urszula Guzik

Institute of Biology, Biotechnology and Environmental Protection, Faculty Natural Science, University of Silesia in Katowice, Jagiellonska 28, 40-032 Katowice, Poland

Deadline for manuscript submissions

31 December 2025

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/229372

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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