



## Biodegradation of Conventional and Emerging Pollutants

Guest Editors:

**Dr. Łukasz Chrzanowski**

Faculty of Chemical Technology,  
Poznan University of Technology,  
Berdychowo 4, 60-965 Poznań,  
Poland

**Dr. Łukasz Ławniczak**

Faculty of Chemical Technology,  
Poznan University of Technology,  
Berdychowo 4, 60-965 Poznań,  
Poland

Deadline for manuscript  
submissions:

**closed (31 December 2019)**

### Message from the Guest Editors

Dear Colleagues,

The development of numerous industrial sectors has resulted in the production of several novel compounds, such as pharmaceuticals, pesticides, and various chemical additives. These groups often include xenobiotics with an unknown environmental impact. Furthermore, the growing population of consumers corresponds to increased usage of personal care products. This leads to constant use of surfactants, polymers, and organic solvents. Our economy is currently facing shift from nonrenewable resources to sustainability; therefore, the contamination with petroleum hydrocarbons as well as heavy metal ions still remains a topic. Despite the improvement of environmental awareness, chemical compounds are continuously released into the environment, and chronic exposure to low doses of pollutants has been recognized as a major health threat. In order to counter the abovementioned issues, there is an urgent need to provide appropriate analytical, technical, and legal solutions.

As such, this Special Issue is focused on the identification of conventional and emerging pollutants as well as the description of monitoring and treatment methods.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Thomas J. Schmidt**

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

## Contact Us

---

*Molecules* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](#)