

## Special Issue

# Analytical Methods for Toxics Determination

### Message from the Guest Editors

Considering that often toxic species occur in the various real matrices at extremely low concentrations, the analytical methodologies must evidently show their possible application by verifying the correctness of all the steps: sampling, sample preparation, instrumental measurement, and statistical data processing.

Another extremely important aspect concerns the fact that the development of new analytical methodologies, and the contemporary lack or inadequacy of regulations regarding the determination of toxic species in the most varied matrices.

This Special Issue aims to attract contributions on all aspects linked to the different analytical methods used for the determination of toxic species in the most varied matrices—food, environmental, forensic, biological, and so on—focusing particularly on the fundamental parameters of interest to set-up an analytical procedure, such as precision and trueness (that together give accuracy); the limits of detection and quantification; selectivity; and, especially, sensitivity.

---

### Guest Editors

Prof. Dr. Clinio Locatelli  
Dr. Marcello Locatelli  
Prof. Dr. Dora Melucci

---

### Deadline for manuscript submissions

closed (29 February 2020)



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/24849](https://mdpi.com/si/24849)

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

[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)





# Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)



## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of 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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).