



an Open Access Journal by MDPI

## Cytochrome P450

Guest Editor:

**Prof. Dr. Hajime Hirao**

School of Medicine, The Chinese  
University of Hong Kong,  
Longgang District, Shenzhen  
518172, China

Deadline for manuscript  
submissions:

**closed (31 August 2024)**

### Message from the Guest Editor

Dear Colleagues,

The cytochrome P450 enzymes (P450s) represent a biologically and chemically fascinating class of enzymes, renowned for their crucial role in drug metabolism and their exceptional catalytic capabilities. Delving into the underlying mechanisms of P450s is not just a matter of academic interest; it also paves the way for leveraging their potential in practical applications. This Special Issue aims to explore recent endeavors in examining P450s and associated enzymes using theoretical and experimental techniques.

Prof. Dr. Hajime Hirao  
*Guest Editor*



[mdpi.com/si/168885](https://mdpi.com/si/168885)

# Special Issue



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 molecular chemistry, now in its 30th 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.

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

## 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](#)