

## Special Issue

# Recent Developments in Serotonin Receptors Research

### Message from the Guest Editors

Serotonin (5-HT) receptors expressed throughout the human body are targets for established therapeutics and various drugs in development. Their diversity of structure and function reflects the important role 5-HT receptors play in physiological and pathophysiological processes. Selective agonists and antagonists for 5-HT receptor subtypes as well as compounds acting at multiple 5-HT receptors have been developed, and therapeutic utility is being pursued. In this Special Issue, we intend to provide the reader with the recent developments in serotonin research. Thus, the submissions of papers describing new molecules showing activity through one or more 5-HT receptors are welcome. In addition, manuscripts describing new 5-HT receptor-based chemical tools or approaches for the study of 5-HT function, prospective analysis for the therapeutic future of 5-HT ligands, and reviews will also be taken into consideration. Finally, authors are encouraged to propose topics that will be evaluated accordingly.

### Guest Editors

Dr. Marcello Leopoldo

Dipartimento di Farmacia—Scienze del Farmaco, Università degli Studi di Bari, Bari, Italy

Dr. Enza Lacivita

Dipartimento di Farmacia—Scienze del Farmaco, Università degli Studi di Bari, Bari, Italy

### Deadline for manuscript submissions

closed (31 December 2021)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/60237](https://mdpi.com/si/60237)

*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 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

---

### 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).