

Special Issue

Current Approaches of Medicinal Chemistry in Neurological and Psychiatric Diseases

Message from the Guest Editors

This Special Issue of the journal *Molecules* publishes original research and timely review articles on current approaches of cutting-edge medicinal chemistry in neurological and psychiatric diseases. This section targets molecular, cellular, and biochemical methods to identify disease biomarkers and to study the pathogenesis of the central nervous system with a specific focus on neurological disorders, mood and anxiety disorders, schizophrenia, autism, and others. In particular (but not exclusively), this Special Issue invites contributions that report on:

- Studies related to the pathophysiology and basic mechanisms of neuropsychiatric diseases;
- The current approaches of cutting-edge medicinal chemistry, including state-of-the-art neurochemistry, neuropharmacology, optogenetic, chemogenetic, CRISPR-Cas9, etc.;
- Biological activity and neuropharmacology studies;
- Contemporary ethnopharmacological and ethnomedicinal studies of natural products

Guest Editors

Dr. Lee Wei Lim

Neuromodulation Laboratory, School of Biomedical Sciences, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong, China

Dr. Luca Aquili

College of Health and Education, Discipline of Psychology, Murdoch University, Perth 6150, Australia

Deadline for manuscript submissions

closed (30 November 2022)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/98190

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

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





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.4
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 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).