

Special Issue

Molecular Targets for Anti-inflammatory Therapy

Message from the Guest Editor

There is increasing evidence that an inflammatory state negatively impacts myriad health outcomes. Effects on cognitive function and depression have also been reported and linked to inflammation. The brain's immune system primarily comprises cells called microglia, which are important for brain function. Alterations in the mechanisms that regulate the promotion of inflammatory conditions may be involved in the progression of inflammation and, particularly, neuropsychiatric disorders. In this Special Issue, we aim to promote original research and reviews that explore inflammatory biomarkers and new therapeutic molecules (of natural origin or synthetic), elucidating the molecular mechanisms involved in the anti-inflammatory response. The aim is to improve knowledge for reducing inflammation and inflammatory pathologies significantly linked to brain cells and cell bodies.

Guest Editor

Dr. Simona Dedoni

Laboratory of Cellular and Molecular Pharmacology, Section of Neurosciences, University of Cagliari, 09042 Monserrato, Italy

Deadline for manuscript submissions

closed (30 June 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/98118

Molecules
Editorial Office
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 4.6
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).