



Immunomodulatory Compounds

Guest Editor:

Prof. Dr. Günter Lochnit

Protein Analytics, Institute of
Biochemistry, Faculty of
Medicine, Justus-Liebig-
University Giessen, Giessen,
Germany

Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editor

Nature has developed, during evolution, a broad variety of immunomodulatory compounds, e.g., to facilitate invasion and/or persistence of pathogens and parasites. The characterization of these compounds have provided new insights into immunology, parasitology and various diseases, such as autoimmune diseases. The development of chemical analogues of these naturally-occurring compounds has opened a new field of drug development and medical therapy.

The scope of this Special Issue is to give an overview of this field, comprising the detection and characterization of naturally-occurring immunomodulatory compounds, their application in medicine and veterinary medicine, and the development of chemical analogues and their therapeutic perspectives.





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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)