molecules

an Open Access Journal by MDPI

IMPACT FACTOR 4.2

Indexed in: PubMed

CITESCORE 7.4

Biosynthesis and Engineering of Natural Products

Guest Editor:

Prof. Dr. Oleg Tsodikov
Department of Pharmaceutical Sciences, University of Kentucky, Lexington, KY, USA

Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editor

Dear Colleagues,

Natural products are biosynthesized compounds, usually of complex chemical structure, produced by living organisms in multistep, enzyme-catalyzed processes. Approximately 40% of all current drugs are natural products or natural product-derived chemical entities. The chemical complexity renders these molecules uniquely bioactive; therefore, elucidation of the biosynthesis and biological activities of these compounds is essential for developing natural products into new efficacious and safe therapeutics.

This Special Issue is focused on the structure, biosynthesis, and engineering of natural products. Important insights in these studies may guide new generations of drugs and other bioactive agents.

Prof. Dr. Oleg Tsodikov
Guest Editor

molecules

IMPACT FACTOR 4.2 | Indexed in: PubMed | CITESCORE 7.4

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 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.

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 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

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