molecules

an Open Access Journal by MDPI

IMPACT FACTOR 4.6

Indexed in: PubMed

CITESCORE 6.7

Total Synthesis of Biologically Active Product

Guest Editor:

Dr. Marc C. Kimber
Department of Chemistry,
Loughborough University,
Loughborough, UK

Deadline for manuscript submissions:
closed (30 May 2020)

Message from the Guest Editor

Dear Colleagues,

Biologically active products, have been vital in the elucidation of numerous biological processes and in the treatment of human diseases. While the identification of a biological active product is central to the development of new drug, crucially it is their total synthesis that can provide key mechanistic understandings, as well as delivering a 'practical' synthetic route for the supply of valuable materials. This development has been motivated by several factors including: (a) curiosity—where a total synthesis is inspired by the unique chemical structure of a natural product; (b) methodology—where the total synthesis of biological product is used to display a novel synthetic methodology; and (c) efficiency—where an existing total synthesis of biologically active products requires streamlining.

In this forthcoming Special Issue of *Molecules* entitled "*Total Synthesis of Biologically Active Products*" we invite contributions on the total synthesis of biologically-active products, including recent key findings, latest developments and innovative synthetic approaches.

molecules

IMPACT FACTOR 4.6 | Indexed in: PubMed | CITESCORE 6.7

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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
𝕏@Molecules_MDPI