



Natural Product: A Continuing Source of Novel Drug Leads

Guest Editor:

Dr. David J. Newman

Retired Branch Chief, Natural
Products Branch, National
Cancer Institute, Frederick, MD
21702-1201, USA

Deadline for manuscript
submissions:

closed (28 February 2017)

Message from the Guest Editor

Dear Colleagues,

Natural products are still a major source of drug candidates, potential candidates, and chemical skeletons upon which to perform chemistry. What has become obvious over the last few years is that, in all Kingdoms, the major source of the compound(s) is / are not the host (be it plant, vertebrate, invertebrate or a lower eukaryote), but the microbe(s) that live on, in, or around the "host". With the advent of very fast genomic analyses coupled to state-of-the-art computational systems, the number of BGCs (biosynthetic genomic clusters) is immense, and the number that are involved in the "as yet uncultured microbe" is much larger. Thus, this Special Issue is designed to demonstrate the potential of novel sources as "resources for novel chemistries" with the aim of unlocking more of the novel chemical skeletons in "Mother Nature's Closet".

Dr. David J. Newman

Guest Editor





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](#)