

Special Issue

Isolation and Structure Elucidation of Bioactive Compounds (*Dedicated to the memory of the late Professor Charles D. Hufford*)

Message from the Guest Editors

Isolation and structure determination of these diverse bioactive molecules that only nature can produce, has become a key area for generating new scaffolds for various biological explorations in medicinal chemistry. This is an area currently depleting rapidly due to the disappearance of natural resources. For these reasons, we think it is appropriate to document some recent research in this endeavor. We wish to dedicate this Special Issue to the memory of the late Professor Charles D. Hufford, a true research pioneer in the fields of natural products and pharmacognosy, who has made immense contributions to the field. Advances in the isolation and structure elucidation, using NMR technology of bioactive compounds, especially secondary plant metabolites, was a passion of Professor Hufford, and therefore, this Special Issue of the journal *Molecules* has been dedicated to his memory.

Guest Editors

Prof. Dr. Muhammad Ilias

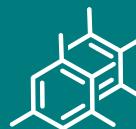
National Center for Natural Products Research, Research Institute of Pharmaceutical Sciences, School of Pharmacy, Thad Cochran Research Center, University of Mississippi, University, MS 38677, USA

Prof. Dr. Charles L. Cantrell

United States Department of Agriculture, Agricultural Research Services, Thad Cochran Research Center, University, MS 38677, USA

Deadline for manuscript submissions

closed (31 December 2018)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6

CiteScore 8.6

Indexed in PubMed



mdpi.com/si/14610

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

[mdpi.com/journal/
molecules](http://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](http://mdpi.com/journal/molecules)

About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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.

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 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

