



an Open Access Journal by MDPI

Latest Discoveries in Metalloproteins

Guest Editors:

Dr. Ruijie Zhang

Department of Chemistry, Duke
University, Durham, NC 27708,
USA

Dr. Alexander Angerhofer

Department of Chemistry,
University of Florida, P.O. Box
117200, Gainesville, FL 32611,
USA

Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editors

Dear Colleagues,

Metalloproteins are ubiquitous in nature and central to many key biological processes. With advancements in experimental and computational techniques, we are at a point where characterizing enzymatic structure, function, and design has greatly accelerated. To curate the latest discoveries in the fast-growing field of metalloproteins, we invite you to contribute an original research paper or review article in the following areas:

- Enzymatic catalysis;
- Inhibitor function and design;
- Electron transfer;
- Energy transfer;
- Protein function and design;
- Protein–nucleic acid interactions.

Dr. Ruijie Zhang
Dr. Alexander Angerhofer
Guest Editors



mdpi.com/si/96498

Special Issue



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](#)