



biology



an Open Access Journal by MDPI

Copper Biology in Health and Disease

Guest Editor:

Dr. Vinit Shanbhag

Department of Biochemistry,
University of Missouri, Columbia,
MO 65201, USA

Deadline for manuscript
submissions:

31 July 2024

Message from the Guest Editor

Dear Colleagues,

We would like to invite researchers and scholars to contribute their expertise to our Special Issue on “Copper Biology in Health and Disease”. This Special Issue aims to explore the multifaceted roles of copper in biological systems and its implications for human health and disease. Submissions are encouraged to delve into various aspects, including the molecular mechanisms of copper homeostasis, its role in cellular processes, and the impact of copper dysregulation on health outcomes.

By contributing to this Special Issue, researchers have the opportunity to foster collaboration and share insights that contribute to the broader understanding of copper’s significance in health and disease. Topics of interest include, but are not limited to, copper transporters, copper-dependent enzymes, copper-related diseases, therapeutic applications of copper, and the interplay between copper and other trace elements.

We look forward to receiving innovative and high-quality submissions that contribute to the growing body of knowledge in this field. Join us in unraveling the intricacies of copper biology and its impact on human health and disease.



mdpi.com/si/163852

Special Issue



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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, PMC, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Biology*) / CiteScore - Q1 (*General Agricultural and Biological Sciences*)

Contact Us

Biology Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/biology
biology@mdpi.com
X@Biology_MDPI