

Special Issue

Recent Developments in Metalloenzyme Inhibitors

Message from the Guest Editors

Metalloenzymes, which rely on metal ions for their catalytic activity, are essential in a wide array of biological processes and have emerged as critical targets for drug development. This Special Issue, entitled 'Recent Developments in Metalloenzyme Inhibitors', will showcase recent advances related to the discovery, design, and application of inhibitors targeting these enzymes. We welcome the submission of articles that present innovative computational and experimental approaches to the identification of potent inhibitors, structural studies that elucidate binding mechanisms, and papers that highlight the therapeutic potential of metalloenzyme inhibitors in treating diseases such as cancer, bacterial infections, and neurological disorders. By compiling innovative research and comprehensive reviews, this collection aims to provide a platform for the dissemination of knowledge, the development of new ideas, and the advancement of next-generation metalloenzyme inhibitors with improved therapeutic profiles.

Guest Editors

Dr. Elisa Nuti

Department of Pharmacy, University of Pisa, 56126 Pisa, Italy

Dr. Doretta Cuffaro

Department of Pharmacy, University of Pisa, 56126 Pisa, Italy

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

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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

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