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Metallo-Enzymes as Drug Targets

Guest Editors:

Dr. Giuseppina De Simone

Istituto di Biostrutture e
Bioimmagini, CNR, Via Pietro
Castellino 111, 80131 Napoli, Italy

Dr. Martina Buonanno

Institute of Biostructures and
Bioimaging (IBB)-CNR, Via Pietro
Castellino, 111, 80131 Napoli,
Italy

Dr. Simona Maria Monti

Institute of Biostructures and
Bioimaging (IBB)-CNR, Via Pietro
Castellino, 111, 80131 Napoli,
Italia

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Message from the Guest Editors

Dear Colleagues,

A huge amount of studies described the involvement of metalloenzymes in a variety of biological processes, which span from DNA modification to protein degradation, antibiotic resistance and many others. Their overexpression, enhanced activation or misregulation can cause severe diseases. For this reason, metalloenzymes have been deeply investigated as drug targets and even more increasing interest is on the way. Important strategies have been developed to gain novel inhibitors to be used as drugs in pharmaceutical field.

In this issue, we will summarize the most important results obtained in this field and provide future perspectives for the development of novel drug classes. Topics of interest could include, but are not limited to, metalloenzyme as drug targets for the development of novel antibacterial, anti-infective and anticancer agents.



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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

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Biology Editorial Office
MDPI, St. Alban-Anlage 66
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