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Metallo-Enzymes as Drug Targets

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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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