

## Special Issue

# Biofunctionalization of Metals for Medical Application: Molecular Aspects

### Message from the Guest Editors

The molecular aspects of the biofunctionalization of metals for medical applications are of notable interest due to the involvement of cutting-edge technologies. The aim of this Special Issue is to collect works that highlight how nanomaterials can be utilized to fight diseases, with a particular focus on nanofunctionalized materials, or new composites that work with new and extremely effective mechanisms, with reduced toxicity and efficacy at very low concentrations. We also seek to explore new molecular mechanisms that involve bacterial membranes with membrane polarity and quorum-sensing molecules. This new frontier will hopefully prove effective in overcoming bacterial resistance and triggering apoptotic processes.  
Dr. Xiaoming Zhang

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### Guest Editors

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## International Journal of Molecular Sciences

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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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