



## Metal Complexes with Biological Functions

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### Message from the Guest Editor

Dear Colleagues,

Metal ions play a vital role in biological processes like signal transduction, electron transport, and promoting or inhibiting biomolecule synthesis, and as active centers in metalloenzymes. Metal complexes synthesized in the lab can be designed for mimicking such metal-based functions inside or outside cells. Usually, the redox activity and/or Lewis acidity of transition metal ions allow for such behavior, but also ligands can render a metal complex biologically active. The interactions of metal complexes with biomolecules and cellular components can result in cytotoxic and antimicrobial properties.

The Special Issue “Metal Complexes with Biological Functions” covers new developments in the design of metal complexes regarding their interactions with biomolecules (e.g., artificial nucleases and proteases), regarding enzyme mimicry, and regarding medicinal purposes based on their action as cytotoxic and antimicrobial agents.

Prof. Dr. Nora Kulak  
*Guest Editor*





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## Message from the Editor-in-Chief

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