# Special Issue

# Metal Complexes with Biological Functions

### Message from the Guest Editor

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.

### Guest Editor

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### Deadline for manuscript submissions

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## Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

## Editor-in-Chief

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