

## Special Issue

# Synthesis and Biological Evaluation of Coordination Compounds

### Message from the Guest Editors

Coordination compounds represent a dynamic frontier in chemical and biological research, offering the potential to transform a range of applications, from therapeutic agents to diagnostic tools. These compounds, which consist of a central metal atom or ion bonded to various ligands, are of particular interest due to their diverse and tuneable properties. By investigating their molecular interactions, we can uncover crucial information about their stability and reactivity and how they interact with biomolecules, which is essential to their use in therapeutics and diagnostics.

This Special Issue will showcase work by scholars in the synthesis and biological evaluation of these sophisticated compounds. By exploring novel coordination compounds and their interactions at the molecular/biomolecular level, researchers will share new insights into these compounds' stability, reactivity, and biological activity. We invite contributions that delve into innovative synthesis methods, structure–activity relationships, and the evaluation of biological effects, including interactions with biomolecules.

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### Guest Editors

Prof. Dr. Adenilson Oliveira dos Santos

Dr. Francisco Ferreira De Sousa

Prof. Dr. Fernando Mendes

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### Deadline for manuscript submissions

31 October 2025



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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