



Synthesis, Characterization and Application of Coordination Complexes

Guest Editors:

Dr. Maria João Ferreira

Centro de Química Estrutural
(CQE), Departamento de
Engenharia Química, Instituto
Superior Técnico, Universidade
de Lisboa, 1049-001 Lisboa,
Portugal

Dr. Tiago F.C. Cruz

Centro de Química Estrutural and
Departamento de Engenharia
Química, Instituto Superior
Técnico, Universidade de Lisboa,
Av. Rovisco Pais, 1049-001
Lisboa, Portugal

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

Dear Colleagues,

Metal complexes are known for the diversity of their structures and the richness of their chemistry. These compounds find application in various fields, from medicinal chemistry to functional materials; however, they excel in homogeneous catalysis. The number of complexes that provide selective, faster, and more sustainable synthetic routes to important organic molecules grows daily, making this a challenging and very relevant field in chemistry. Therefore, this Special Issue on the synthesis, characterization, and application of coordination complexes is fully justified. Its goal is to gather a collection of manuscripts that report the synthesis and characterization of such compounds and highlight their importance in one or several applications that address modern-day challenges.

Dr. Maria João Ferreira

Dr. Tiago F.C. Cruz

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/Molecules_MDPI)