

Special Issue

Thermodynamic and Spectral Studies of Complexes

Message from the Guest Editor

The issue welcomes contributions in areas including but not limited to calorimetric studies, equilibrium and stability constants, reaction energetics, and structure-property relationships. Spectral analyses employing UV-Vis, IR, NMR, EPR, and other spectroscopic techniques are also central to the theme, especially when used in conjunction with computational modeling or advanced experimental approaches.

We invite submissions of original research articles, reviews, and short communications that address theoretical insights, experimental methodologies, or applications in areas such as catalysis, environmental chemistry, drug design, and advanced materials. Studies combining thermodynamics with spectroscopic techniques to elucidate complex phenomena are particularly encouraged. This Special Issue aims to serve as a platform for innovative approaches and interdisciplinary collaborations, contributing to the growing body of knowledge on the behavior and utility of chemical complexes.

Guest Editor

Dr. Michał Zabiszak

Faculty of Chemistry, Adam Mickiewicz University in Poznan,
Uniwersytetu Poznańskiego 8, 61-614 Poznan, Poland

Deadline for manuscript submissions

20 November 2025



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/226925

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)