





an Open Access Journal by MDPI

# Metal-Organic Coordination Compounds: Synthesis, Structure, Spectra, Applications

Guest Editors:

## Prof. Dr. Georgiy Girichev

Nanomaterial Research Institute, Ivanovo State University, 153025 Ivanovo. Russia

#### Prof. Dr. Nina Giricheva

Nanomaterial Research Institute, Ivanovo State University, 153025 Ivanovo, Russia

Deadline for manuscript submissions:

30 May 2024

## Message from the Guest Editors

Dear Colleagues,

Coordination compounds of metals with organic ligands cover the widest class of chemical compounds and find various applications in the chemical industry, catalysis, microelectronics, sensors, medicine, pharmacology, etc. A powerful addition to the wide range of physical methods used to study this class of compounds are quantum chemical calculations, which constitute a dynamically progressing alternative to experiment.

Specialists in synthesis, molecular structure, vibrational and electronic spectroscopy, magnetic and catalytic chemistry, chemosensorics, and quantum chemical calculations are invited to submit their contributions to this Special Issue in accordance with its subject matter. Works that combine complementary experimental and theoretical studies are especially welcome.

Prof. Dr. Georgiy V. Girichev Prof. Dr. Nina Giricheva *Guest Editors* 













an Open Access Journal by MDPI

## **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

## 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.

#### **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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

### **Contact Us**