



Design of New Organometallic Bioactive Molecules

Guest Editor:

Prof. Dr. Silvia Bordoni

Department of Industrial
Chemistry "Toso Montanari",
Alma Mater Studiorum Università
di Bologna, Bologna, Italy

Deadline for manuscript
submissions:

closed (10 October 2021)

Message from the Guest Editor

Dear Colleagues,

A plausible definition for bio-organometallic compounds invokes the presence of one M–C bond at the very least, which connects low-valent metal fragments with biomolecules or behaves as a bioactive species. However, examples such as Fe-haeme type, Molibdopterin or Cobalamines do not globally fit these requirements, particularly concerning oxidation state. The difficulty in seeking a convincing global definition for this attractive branch of chemistry reveals wider perspectives to stimulate the disclosure of new unexplored frontiers in the field of living beings' secrets.

Prof. Dr. Silvia Bordoni

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)