



Schiff Base and Its Metal Complexes

Guest Editor:

Prof. Dr. Antonella Dalla Cort

Dipartimento di Chimica and
IMC-CNR, Università la Sapienza,
00185 Roma, Italy

Deadline for manuscript
submissions:

closed (31 May 2019)

Message from the Guest Editor

Schiff bases are one of the most popular and old ligands in coordination chemistry. Known since 1864 when, for the first time, Ugo Schiff reported on products deriving from the condensation of ketones or aldehydes with primary amines, such derivatives have been extensively used for countless applications. Their easy synthesis allows for finetuning of their stereo-electronic features, and their ability to form stable complexes with most transition metals easily provides access to a large variety of derivatives with remarkable biological and catalytic activities, electroluminescent, fluorescence and nonlinear properties that can be used in many research fields for exciting applications.

For this Special Issue of Molecules, I would like to kindly invite worldwide colleagues working in this research area to submit original research articles and reviews on all the aspects of the chemistry of these ligands and of their metal complexes.





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 molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of 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 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)