



Spatial Organization of Multi-Porphyrins for Pre-Defined Properties

Guest Editors:

Dr. Nathalie Solladié

LCC (Laboratoire de Chimie de Coordination) - CNRS, Université de Toulouse, CNRS, 205 Route de Narbonne, 31077 Toulouse CEDEX 4, France

Dr. Regis Rein

LCC (Laboratoire de Chimie de Coordination) - CNRS, Université de Toulouse, CNRS, 205 Route de Narbonne, 31077 Toulouse CEDEX 4, France

Deadline for manuscript submissions:

closed (30 September 2019)

Message from the Guest Editors

Dear Colleagues,

In Nature, many systems contain structurally organized porphyrinoids including various enzymes, dedicated to oxygen transport, oxidation processes etc., or the light harvesting antennae and the reaction center involved in the photosynthetic processes. This observation opens the route to new challenges of synthesizing molecular architectures of growing size and structural complexity, for instance as potential models of the light harvesting complexes, but also as photonic and electronic wires.

The scope of this Special Issue, “Spatial Organization of Multi-Porphyrins for Pre-Defined Properties” is broad and includes covalently linked and self-assembled devices, as well as more sophisticated systems obtained when covalent linkage and supramolecular chemistry can work together. Furthermore, since chirality plays a pivotal role in the structural organization of vast majority of natural assemblies including photosynthesis owing to asymmetry of amino acids, the importance of chirality in some systems will also be covered in this issue.

Dr. Nathalie Solladié
Guest Editor





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

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