





an Open Access Journal by MDPI

# Tetrapyrrolic Macrocycles: Synthesis, Functionalization and Applications, Volume IV

Guest Editors:

## Prof. Dr. Maria G. P. M. S. Neves

Department of Chemistry and LAQV-REQUIMTE, University of Aveiro, 3810-193 Aveiro, Portugal

### Dr. M. Amparo F. Faustino

LAQV-REQUIMTE, Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal

#### Dr. Nuno M. M. Moura

LAQV-REQUIMTE, Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal

Deadline for manuscript submissions:

31 August 2024

# **Message from the Guest Editors**

Dear Colleagues,

We are delighted to announce the launch of the fourth edition of this Special Issue dedicated to the synthesis, functionalization, and application of macrocycles based on pyrrolic units. In this Special Issue, we enthusiastically anticipate contributions that delve into the synthesis and both functionalization of natural and synthetic macrocycles, including porphyrins, corroles. and phthalocyanines, as well as their analogues like sapphyrins, heteroporphyrins, expanded and (hetero)porphyrins and their precursors.

Furthermore, we envision this Special Issue as a forum for exploring the vast potential that these macrocycles and their precursors hold across different fields, such as through catalysis, sensing, medicine, materials science, and the development of advanced biomimetic models. We invite researchers from all corners of the scientific community to join us in exploring the exciting possibilities offered by these intriguing compounds.

Prof. Dr. Maria G. P. M. S. Neves Prof. Dr. M. Amparo F. Faustino Dr. Nuno M. M. Moura Guest Editors













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**