Special Issue

Membrane Structure and Function

Message from the Guest Editors

Among all described processes and applications, knowledge of membrane structure, organization, and dynamics are of paramount importance. In this Special Issue, we invite investigators to contribute original research articles and review articles on all aspects of membrane biophysics. Potential topics include but are not limited to: - Lipid organization, lipid rafts and nanodomains, and lipid phase equilibria; - Lipid-protein and lipid-peptide interactions; - Characterization of the thermodynamics and kinetics of interaction of bioactive solutes with biological membranes; - Membrane model systems; - Cutting-edge methodologies for the study of membrane structure and dynamics.

Guest Editors

Prof. Dr. Luís M. S. Loura

Center for Chemistry and Faculty of Pharmacy, University of Coimbra Azinhaga de Santa Comba, 3000-548 Coimbra, Portugal

Prof. Dr. Maria João Moreno

Center for Chemistry and Chemistry Department, Faculty of Sciences and Technology, University of Coimbra, 3004-535 Coimbra, Portugal

Dr. Anass Jawhari CALIXAR, Lyon, France

Deadline for manuscript submissions

closed (31 July 2020)



Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



mdpi.com/si/30877

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules





Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



About the Journal

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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

