

Special Issue

Recent Advances in Biomembrane Models for Studying Interactions with Bio- /Molecules

Message from the Guest Editors

This Special Issue aims to investigate all types of bioactive compound–membrane interactions. We are pleased to invite you to submit your original research articles and reviews. Research areas may include (but are not limited to) the following topics relating to interactions of bioactive compounds:

- cellular membranes, and their influence on membrane structure, function, biomolecular organization and dynamics, fluidity, and composition,
- model membranes (eg. liposomes, phospholipid bilayers, Langmuir monolayers),
- membrane proteins (eg. COX, P-gp),
- membrane traffic, receptors, and channels.

Both molecular modeling and simulation as well as various biophysical (*e.g.*, differential scanning calorimetry, fluorescence spectroscopy, infrared spectroscopy, circular dichroism, patch clamp) and biological techniques can be used as research methods. We look forward to receiving your contributions.

Guest Editors

Dr. Jadwiga Maniewska

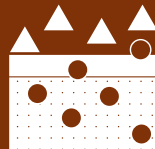
Department of Medicinal Chemistry, Faculty of Pharmacy, Wrocław Medical University, Borowska 211, 50-556 Wrocław, Poland

Dr. Katarzyna Gębczak

Division of Basic Medical Sciences, Faculty of Pharmacy, Wrocław Medical University, Borowska 211, 50-556 Wrocław, Poland

Deadline for manuscript submissions

closed (31 October 2025)



Membranes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



mdpi.com/si/201751

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

[mdpi.com/journal/
membranes](https://mdpi.com/journal/membranes)





Membranes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



[mdpi.com/journal/
membranes](https://mdpi.com/journal/membranes)



About the Journal

Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
School of Chemistry, The University of Melbourne, Melbourne, VIC
3010, Australia

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, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))