

## Special Issue

# Structure and Conformation of Lipid Membranes

### Message from the Guest Editors

The structure and conformation of lipid membranes has been a topic of interest for many years. Recently there has been significant interest in analyzing the effect of inhomogeneities or asymmetries in the lipid monolayer or bilayer membrane distribution, to explain membrane morphologies that involve cytokinesis abscissions, budding, endocytosis, or even in the formation of membrane pores during exocytosis. The aim of the Special Issue, *Structure and Conformation of Lipid Membranes*, is to highlight both theoretical and experimental advances that can shed light on the distribution of stresses or elastic forces on these membrane morphologies. We are pleased to invite you to submit original research articles as well as comprehensive reviews. Research areas may include (but are not limited to) the following: stress in lipid membranes, bilayer asymmetries, pores, budding transition, endocytosis, and cytokinesis.

### Guest Editors

Dr. José Antonio Santiago

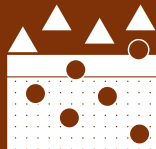
Department of Applied Mathematics and Systems, Universidad Autónoma Metropolitana-Cuajimalpa, México, Mexico

Prof. Dr. Francisco Monroy

Department of Physical Chemistry, Complutense University of Madrid, 28040 Madrid, Spain

### Deadline for manuscript submissions

closed (30 November 2023)



## Membranes

an Open Access Journal  
by MDPI

Impact Factor 3.6  
CiteScore 7.9  
Indexed in PubMed



[mdpi.com/si/155226](https://mdpi.com/si/155226)

*Membranes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[membranes@mdpi.com](mailto: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))