

Special Issue

Recent Advances on Biosensor Nanotechnology Based on Lipid Membranes and Related Devices

Message from the Guest Editors

We invite authors to contribute original research articles or comprehensive review articles covering the current state-of-the-art and the future trends in the design of biosensor nanotechnology based on lipid membranes and related devices. This Special Issue aims to cover a broad range of subjects, from device design and assembly to analytical development, implementation and commercialization prospects. The format of welcomed articles includes full papers, communications, and reviews. **Keywords**

- nanotechnology
- biosensors
- lipid membranes
- surface recognition devices
- rapid and remote detection of food toxicants and environmental pollutants

Guest Editors

Prof. Dr. Dimitrios P. Nikolelis

Prof. Dr. Dimitrios P. Nikolelis

Dr. Christina Siontorou

Deadline for manuscript submissions

closed (31 December 2018)



Membranes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



mdpi.com/si/15334

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))