

Special Issue

Membranes and Ion Channels

Message from the Guest Editor

Ion channels are transmembrane proteins that allow passive diffusion of selected ions when they open due to a change in the membrane voltage or binding of ligands. Membrane molecules are not just scaffolds for housing the channel proteins, they also play important roles in their structure and function. However, due to the subtlety of the membrane-ion channel interactions, quantifying the role of the membrane molecules and their composition in regulating the function of ion channels has been a difficult issue. Recent developments in experimental and computational methods have enabled further progress in the field, which is the focus of this Special Issue. Both original contributions and reviews on recent progress in membrane-ion channel interactions will be considered in the Special Issue.

Guest Editor

Dr. Serdar Kuyucak

Faculty of Science, The University of Sydney, New South Wales 2006, Australia

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

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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

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