

Special Issue

Ion Channels in Membranes

Message from the Guest Editors

We are pleased to invite you to contribute to the present Special Issue. It focuses on biological membranes, discussing in particular membrane proteins, trafficking and cell signaling and computational analysis, with particular regard to ion channels, e.g., cellular membrane structure, function and biomolecular organization and dynamics, fluidity and composition, model membranes and liposomes, membrane proteins, membrane traffic, receptors, channels and anchoring mechanisms, cellular signaling, cell morphology, membrane chromatography, membrane surface studies and ligand interactions. This Special Issue aims to focus on ion channel interactions, ion channel and transporter roles in pathological conditions and their function on plasma membrane; moreover, we welcome papers related to membrane proteins regulating cell signaling and cell trafficking and would also give space to computational analysis papers and in silico studies focusing on drug interactions with ion channels and membrane proteins.

Guest Editors

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Deadline for manuscript submissions

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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
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