Special Issue

Molecular Dynamics Simulations in Biological Membrane Systems

Message from the Guest Editors

In this Special Issue, we invite investigators to contribute original research articles and review articles on all aspects of molecular dynamics simulations focused on biomembranes. Potential topics include but are not limited to the following:

- Atomistic, coarse-grained, and multiscale MD simulations of biological membranes;
- Interaction with and permeation of drug-like molecules through lipid membranes and protein containing lipid bilayers;
- Lipid–protein and lipid–peptide interactions;
- Enhanced sampling studies in biological membranes;
- Software, force fields, and diverse tools to deal with biological membranes.

Guest Editors

Dr. Hugo A. L. Filipe
Prof. Dr. Maria João Moreno
Prof. Dr. Luís M. S. Loura

Deadline for manuscript submissions

closed (31 August 2023)

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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 accessjournal 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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