Special Issue

Capturing Dynamics of Biomolecules - from Experiments to Simulations

Message from the Guest Editor

In this Special Issue, we encourage authors to submit original research manuscripts, reviews or communications on membrane transport proteins, peptides inducing pore formation, specific lipid-protein interactions, drug/nanoparticle-membrane interactions, carbohydrate-carbohydrate and carbohydrate-membrane interactions and lipid-based drug delivery which will greatly enhance our understanding of these biomolecules and provide a foundation for future investigations into biomolecular structure and dynamics.

Keywords

- membrane-protein/peptide interactions
- membrane-drug/nanoparticle/small molecule interactions
- lipid-based drug delivery
- pore formation
- membrane curvature and fusion
- carbohydrate-carbohydrate and carbohydrate-membrane interactions
- lipid droplets
- structure and dynamics of membrane mimetics: nanodiscs, bicelles, micelles

Guest Editor

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Deadline for manuscript submissions

closed (5 September 2022)

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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

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