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Membrane Interactions in Biology

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Deadline for manuscript submissions:

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Message from the Guest Editor

From understanding membranes as a fascinating biomaterial, we are now in an era of understanding the complex interplay of membranes with other important classes of biomolecules. Numerous *in vivo* and *in vitro* studies are revealing the dynamic interactions of membranes with other components, such as cytoskeleton, genomes, and, in recent years, phase-separated biomolecular condensates. These findings are not only crucial to understanding cell biology in further detail, but also foundational for designing biomimetic artificial entities. Furthermore, novel on-chip microfluidic assays are proving to be crucial to achieving more complex and controlled experimentation and are an integral part of further scientific progress.

This Special Issue aims to cover the latest developments on interactions of biomolecules with natural/cell-mimicking membranes. We welcome original research papers as well as review articles related to any aspect of membrane–biomolecule interactions and associated technological advancements.



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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.

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