

Special Issue

Biophysical Methods to Study Membrane Models, Cells, and Tissues

Message from the Guest Editor

The study of membrane models, cells, and tissues provides critical insights into the structural and functional properties of biological membranes, which are central to numerous physiological and pathological processes. Advances in biophysical methods have significantly enhanced our ability to investigate the dynamic behavior and interactions of membranes at the molecular level. This Special Issue aims to highlight cutting-edge biophysical techniques and their applications in studying membrane models, ranging from lipid bilayers and vesicles to complex membrane systems. We invite original research articles, reviews, and methodological papers that address innovative approaches, novel findings, or comprehensive overviews in this field. We hope that this special issue will serve as a platform to share advancements and foster collaboration among researchers working in membrane biophysics and related areas. Contributions from multidisciplinary perspectives, including physics, chemistry, biology, and computational modeling, are particularly encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2025)



Biophysica

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Impact Factor 1.4
CiteScore 2.3



mdpi.com/si/228473

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