

Special Issue

Biomembranes and Biomimetic Membranes – from Model Analysis to ‘In Vivo’ Study

Message from the Guest Editors

Biomembranes are the most important interface where many interactions with many biological and surface-active substances, which are crucial for living cells, take place. The proposed Special Issue will become a place for the exchange of experiences of biologists, microbiologists, pharmacists, chemists, and technologists, i.e., all those who are close to topics related to processes related to biological and biomimetic membranes. **Keywords**

- Biomimetic and biological membranes
- physical–chemical characteristics
- Model membranes and their components– phospholipid, cholesterol
- Liposomes, Langmuir monolayer, Langmuir–Blodgett film and lipid bilayers
- Surfactant and biosurfactant impact on biomembranes
- Pharmaceuticals’ and proteins’ interaction and transport in (bio)membranes
- Drug delivery system
- Nanoparticles–(bio)membrane interactions
- Adsorption phenomena, interfacial rheology
- Membrane dynamics, their wettability, and surface-free energy

Guest Editors

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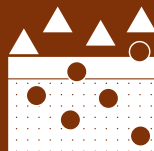
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About the Journal

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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