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## Electrical Phenomena in Biological and Biomimetic Membranes

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Deadline for manuscript  
submissions:  
**closed (31 December 2022)**

### Message from the Guest Editors

Research in the field of electrical membrane phenomena has been conducted at a high level of activity for several years, covering an extremely diverse range of topics. Nevertheless, since electrical interactions between biomembrane components underlie many membrane properties and functions, the main focus of this forthcoming Special Issue is to increase our knowledge of the electrical phenomena in biological membranes by assembling state-of-the-art research articles and reviews on the topic.

### Keywords:

- Biological cells and model systems
- Liposomes
- Lipid mono- and bilayers
- Biologically active compounds
- Electrokinetic phenomena
- Electrical double layers
- Surface characteristics of membranes
- Electrochemical methods
- Membrane fusion
- Electrical transport measurements
- Electroporation



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# Special Issue



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## Editor-in-Chief

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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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