

Lipid Membranes and Their Applications

Guest Editor:

Dr. Masanao Kinoshita

Department of Chemistry,
Graduate School of Science,
Kyushu University, Fukuoka,
Japan

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Message from the Guest Editor

Dear Colleagues,

Artificial membranes have been employed widely for understanding the structure, properties, and functions of cell membranes. On the other hand, there are some differences between artificial and cell membranes. These differences are not trivial but critical problems.

Thus, to understand the real nature of cell membranes and membrane-based biological factions, 1) the accumulation of precise knowledge around artificial membranes, 2) development of new technology for membrane analysis, and 3) connection of the phenomena observed in artificial and cell membranes are necessary.

The aim of this Special Issue is to collect the latest studies on the lipid membranes and analytical technologies, leading to innovations in lipid membrane studies.

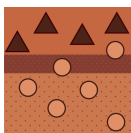
Research areas may include (but are not limited to) the following: artificial membranes, new analytical techniques, membrane trafficking, membrane–drug interactions, and so on.

We look forward to receiving your contributions.

Dr. Masanao Kinoshita

Guest Editor





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Editor-in-Chief

Prof. Dr. Spas D. Kolev

School of Chemistry, The
University of Melbourne,
Melbourne, VIC 3010, Australia

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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Membranes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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