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Experimental and Computational Methods for Membrane Protein Design

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Message from the Guest Editors

Dear Colleagues,

Membrane proteins are essential players of life physiology, and are the target of an important number of pharmacological drugs. As membrane proteins are elusive subjects, advances in the understanding of their structure–function relationships have often been accomplished thanks to the development of biochemical and computational methods for protein design.

This Special Issue aims at gathering a series of reviews, methods, communications, and original articles towards understanding the structure, dynamics, and function of membrane proteins where protein design has played some role. Contributions opening the field to new subjects such as membrane protein de novo design, protein engineering, evolution, systems biology, etc. are most welcome. Feel free to extend this invitation to your close collaborators.

Dr. Alex Perálvarez- Marín

Dr. Jose Luis Vazquez Ibar

Guest Editors



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Special Issue



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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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