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Biocompatible Membrane Materials

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Deadline for manuscript submissions:

closed (31 May 2023)

Message from the Guest Editors

We are very pleased to invite you to submit your work to this Special Issue concerning biocompatible membrane materials. Recently, membranes become extremely interesting materials, which may be characterized by different properties and find a variety of applications, also as biomaterials. Over the past decades, many researchers have been working intensively to obtain fully biocompatible and bioactive or biofunctional membranes, which after implantation into the human body could support tissue regeneration or even treat various diseases. The search for novel biocompatible materials and techniques for obtaining them seems to be the key to the development of bioeffective membranes. This Special Issue aims to gather experienced researchers, materials engineers, chemists, biotechnologists, pharmacists, and medics interested in biomaterials areas linked mainly to biomembranes. Modern trends in their fabrication and the study of their physicochemical, mechanical, as well as biological properties are highlighted and will be discussed in detail. Original research articles, short communications, and reviews are kindly welcome.



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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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