Special Issue

Functional Membranes for Biomedical and Environmental Applications

Message from the Guest Editor

In this Special Issue, among the different fields of application for functional membranes, the scope aims at covering the last innovations of functional membranes applied in biomedical devices and for environmental purposes, as well as to analyze the future perspectives of membranes in these fields. The topics of the submissions include:

- The use of membranes in diagnostic devices, that is, (bio-)sensors and probes,
- membrane-based therapeutic devices,
- membrane scaffolds for tissue engineering,
- reactive membranes for selective separations/pollutants utilization from waste streams,
- membrane reactors, bioreactors, and catalytic/photocatalytic reactors,
- (wearable) biohybrid organs,
- integration of membranes in microfluidic systems,

and so on.

Guest Editor

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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 accessjournal 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

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