

Special Issue

Membranes in Biomedical Engineering: Assisting Clinical Engineers

Message from the Guest Editors

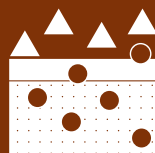
In this Special Issue, researchers are invited to contribute original research papers, as well as review articles or short communications, related to the preparation and characterization of membranes, transport phenomena, antithrombotic material, fouling, biocompatibility, module and reactor design, process design, and industrial perspectives. The topics include but are not limited to extracorporeal membrane oxygenation (ECMO), gas separation membrane, artificial organs (artificial kidney, dialyzer, artificial liver, artificial pancreas), bioartificial organs (bioartificial kidney, bioartificial liver, bioartificial pancreas, cell culture, scaffold), blood purification membranes, tissue engineering, and regenerative medicine in biomedical engineering.

Guest Editors

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Prof. Dr. Makoto Fukuda
Dr. Hiroyuki Sugaya

Deadline for manuscript submissions

closed (31 March 2022)



Membranes

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Impact Factor 3.6
CiteScore 7.9
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About the Journal

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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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