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Advanced Membrane Technology for Biorefining Processes

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Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

A biorefining process consists of an approach involving a natural bio-based raw material conversion process to produce several bio-based products, including biofuel (e.g., biogas, bioethanol and biodiesel) and value-added chemicals. For the sustainable production of these products/energy, it is necessary to recuperate each value-added product with maximum purity/production. In this way, integrated membrane-based advanced processes efficiently overcome almost all drawbacks related to traditional methods. Thus, the utilization of membranes in biorefinery processes has been the target of several research studies.

This Special Issue aims to gather original research articles and reviews on recent advances in membrane technology and their application in the biorefining processes.

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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.

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