

Special Issue

Membranes in Biomass Waste Conversion and Reutilization

Message from the Guest Editor

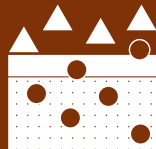
Membranes are useful resources used to recover and purify some desired carbohydrates, such as glucose, xylose, or even xylooligosaccharides, as well as gaseous products from anaerobic conversion systems, which can be deployed to the development of biogas and the recovery of bio-H₂, and many other useful molecules to biorefineries. The design of membranes and membrane-assisted processes can also be applied to the treatment and removal of toxic and/or pollutant compounds from aqueous, organic, or even gaseous effluents. In this sense, I invite you to contribute to this Special Issue of *Membranes* on “Membranes in Biomass Waste Conversion and Reutilization”, in which I welcome articles that cover this wide topic. I will be considering significant contributions ranging from the basic understanding of membrane science and technology that can be derived from biomass waste conversion to the applied studies within the scope of this Special Issue. These can be applied to biofuels, bioproducts, bioremediation, effluent treatment, catalysis, material development, and the immobilization of enzymes and cells.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2023)



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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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