



Membrane Processes and Materials for a Sustainable Bioeconomy

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Message from the Guest Editor

Over the last decades, considerable effort has been devoted to developing better membranes and extending their range of application to different areas. Membrane processes already play an established role in gas separation and water treatment, and their application in food, pharmaceutical, and health areas has been continuously increasing. In recent years, membrane processes proved to have a key role also in biorefinery and bioenergy production processes, namely for process intensification and products recovery and purification.

Moreover, growing environmental concerns have drawn people's attention to the use of fossil-based polymers and toxic solvents for membrane fabrication. Therefore, the development of new membranes, using polymers from renewable sources and more sustainable methods of fabrication, is being pursued.

This Special Issue aims to give an overview of the challenges and trends in membrane processes and materials for a sustainable bioeconomy.





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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).

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