

Special Issue

Membrane Applications in Biological Remediation and Purification of Biologics

Message from the Guest Editors

This Special Issue seeks contributions on the state-of-the-art in the synthesis, characterization and applications of membranes for biological remediation and biologics purification. Papers on process development, modelling and optimisation, technoeconomic feasibility studies and scale-up studies will be considered as well. The Special Issue will consider original research papers and reviews on the above topics for publication. Review articles should offer comprehensive coverage of membranes in selected areas, addressing in particular recent advances with respect to challenges associated with membrane application in the above-mentioned topical areas. Research articles on development and application of composite membranes in areas including, but not limited to, contaminant sensing, water/wastewater treatment, membranes involving separation coupling reactions, membranes incorporating nanomaterials (e.g., MOFs, CNTs, zeolite, etc.), membranes incorporating natural and synthetic polymers, membrane bioreactor, multi-stage bioreactor, biological membrane treatment of wastewater, membrane protein purification, and plasma-enhanced membranes are welcome.

Guest Editors

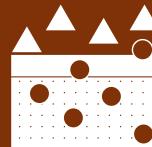
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Deadline for manuscript submissions

closed (30 June 2022)



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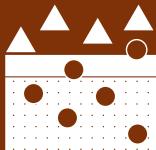
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About the Journal

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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