

Special Issue

Development, Investigation and Application of Novel Polymer Membranes

Message from the Guest Editors

Polymer membranes with tailored properties are of significant fundamental and industrial interest (in various fields of industry such as petrochemical, medical, pharmaceutical, food and others) due to the possibility to develop sustainable membrane processes which are so necessary for the modern society. Special emphasis will be placed on but not limited to the following:

- membrane preparation
- membrane characterization
- bulk membrane modification
- surface membrane modification
- membrane transport properties in pressure-driven and diffusive membrane separation processes
- membrane contactors
- modeling/simulation of membrane processes

Guest Editors

Dr. Anastasia Penkova

Dr. Tatiana Plisko

Dr. Mariia Dmitrenko

Deadline for manuscript submissions

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Membranes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
membranes@mdpi.com

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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
School of Chemistry, The University of Melbourne, Melbourne, VIC
3010, Australia

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