



Development, Investigation and Application of Novel Polymer Membranes

Guest Editors:

Dr. Anastasia Penkova

Department of Analytical
Chemistry, Institute of Chemistry,
St. Petersburg State University,
7/9 Universitetskaya nab., 199034
St. Petersburg, Russia

Dr. Tatiana Plisko

Institute of Physical Organic
Chemistry, National Academy of
Sciences of Belarus, Minsk,
Belarus

Dr. Mariia Dmitrenko

Department of Analytical
Chemistry, Institute of Chemistry,
St. Petersburg State University,
7/9 Universitetskaya nab., 199034
St. Petersburg, Russia

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

Deadline for manuscript
submissions:

closed (31 July 2022)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Spas D. Kolev

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Polymer Science*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Membranes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/membranes
membranes@mdpi.com
X@Membranes_MDPI