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Hollow Fiber Membranes

Guest Editors:

Prof. Dr. Qusay Alsahy

Membrane Technology Research
Unit, Chemical Engineering
Department, University of
Technology, Baghdad, Iraq

Dr. Saif Al Aani

The State Company of Energy
Production-Middle Region,
Ministry of Electricity, Baghdad
10013, Iraq

Dr. Raed A. Al-Juboori

NYUAD Water Research Centre,
New York University Abu Dhabi
Campus, Abu Dhabi P.O. Box
129188, United Arab Emirates

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closed (15 September 2023)

Message from the Guest Editors

Dear Colleagues,

In this Issue, we focused on attracting research that uses hollow fiber membranes in water treatment or desalination and wastewater treatment. Special attention is paid to new methods for improving the physicochemical properties and filtration performance of hollow membranes taking into account the trade-off between water production and separation efficiency. Work on the optimization of system designs and operation is also welcomed. We welcome new experimental data concerning the future development in the preparation and design of polymeric membranes for applications of real wastewater and seawater samples. We are also interested in receiving review papers providing novel methods for the hollow-fiber fabrication of different membrane separation processes i.e., forward osmosis (FO), membrane distillation (MD), ultrafiltration, and nanofiltration membranes.



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Special Issue



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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.

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Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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