



Forward Osmosis - Membrane Developments and Applications

Guest Editors:

Dr. Joseph Dimpler

Department of Food Science,
Cornell University, 260 Stocking
Hall, Ithaca, NY 14853, USA

Dr. Judy Lee

School of Chemistry and
Chemical Engineering, University
of Surrey, Guildford GU2 7XH, UK

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

This Special Issue on “Forward Osmosis: Membrane Developments and Application for Liquid Foods” of the journal *Membranes* seeks contributions to assess the state of the art and future developments in the field of FO for food applications. Topics include, but are not limited to, recovery strategies for osmotic agents, selection and developments of food-grade osmotic agents, novel applications of FO, membrane development and evaluation, membrane fouling and/or cleaning strategies, pilot plant studies, life cycle assessment & comparison to existing technologies, and industrial implementation. Authors are invited to submit their latest results; both original papers and reviews are welcome.

Keywords

- Forward osmosis
- Cold concentration
- Osmotic agent
- Draw solution
- Membrane fouling
- Osmotic process
- Direct osmosis





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 - Q1 (Chemical Engineering (miscellaneous))

Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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