

Membrane Technologies for Sustainable Biofood Production Lines

Guest Editor:

Prof. Dr. Laurent Bazinet

Department of Food Sciences,
Institute of Nutrition and
Functional Foods (INAF), Dairy
Research Center (STELA) &
Laboratory of Food Processing
and Electro Membrane Processes
(LTAPEM), Université Laval,
Québec, QC G1V 0A6, Canada

Deadline for manuscript
submissions:

closed (31 December 2020)

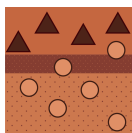
Message from the Guest Editor

The scope of this Special Issue involves a large number of topics in the field of membrane science, including membrane applications and the properties of the resulting fractions or products. We welcome papers that include or report on the following: case studies in the field of separation, purification under the action of external pressure, and electric potential gradients applied to a membrane; experimental studies providing new knowledge on the mechanisms of molecule transportation in membrane systems.

Keywords

- Membrane technology, Pressure-driven processes
- Food, biotechnological, biopharmaceutical sectors
- Ultrafiltration/nanofiltration/microfiltration
- Membrane coupling, Separation/purification
- Electrodialysis, Electrically driven processes
- Membrane contactor, Membrane reactor
- Ecoefficiency, Circular economy
- Valorization of co-products, Food compounds
- Fundamentals of membrane transport, Water reduction
- Bioactive molecules, Bioresources





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