



an Open Access Journal by MDPI

Membrane Systems for Tissue Engineering 2020

Guest Editors:

Dr. Sabrina Morelli

Institute on Membrane
Technology, National Research
Council of Italy, ITM-CNR c/o
University of Calabria, Via
P.Bucci, cubo 17/C, I-87036
Rende (CS), Italy

Prof. Dr. Shih-Jung Liu

Mechanical Engineering, Chang
Gung University Adjunct
Professor, Orthopedic Surgery,
Chang Gung Memorial Hospital
Tao-Yuan, Taoyuan 33302,
Taiwan

Dr. Loredana De Bartolo

National Research Council of
Italy, Institute on Membrane
Technology, CNR-ITM, 87036
Rende, Italy

Deadline for manuscript
submissions:

closed (31 October 2020)

Message from the Guest Editors

This Special Issue aims to cover the latest developments and innovations regarding the multifunctional role of membrane systems for tissue engineering applications. Potential topics include, but are not limited to, the following:

- Advanced approaches in membrane synthesis and characterization;
- Functionalization procedures of membranes;
- Membrane bioreactors;
- Bioartificial organs;
- Cell–membrane interactions;
- Bioabsorbable materials;
- Micro/nano fabrication methods;
- Membranes for cell/drug delivery;
- In vitro membrane platforms for disease modeling/drug screening;
- Biosensors;
- Bioprinting methods;
- Microfluidic systems.



mdpi.com/si/41537

Special Issue



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 (*Chemistry, Physical*) / CiteScore - Q2 (*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](https://twitter.com/Membranes_MDPI)