# Special Issue

# Electromembrane Processes: Experiments and Modelling

### Message from the Guest Editors

The increasing demand of water and energy poses technological challenges to the implementation of efficient concepts for a sustainable development. In this perspective, electromembrane processes (EMPs) can play a crucial role in green chemistry schemes oriented towards circular economy approaches and renewable energy systems. EMPs are based on the use of ion-exchange membranes under the action of an electric field. Versatility, selectivity, high recovery, and chemicals-free operations are their main strengths. In this Special Issue, we invite researchers to provide their contributions by submitting articles, communications or reviews on recent advancements of EMPs and their applications, with a focus on the development of cutting-edge engineered systems by experiments and/or models.

### Guest Editors

Dr. Luigi Gurreri

Prof. Dr. Alessandro Tamburini

Prof. Dr. Giorgio Micale

### Deadline for manuscript submissions

closed (31 October 2020)

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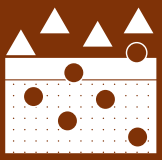

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## About the Journal

### 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 accessjournal 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.

### Editor-in-Chief

Prof. Dr. Spas D. Kolev
School of Chemistry, The University of Melbourne, Melbourne, VIC 3010, Australia

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