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Advances in Integrated Membrane Processes and Systems

Guest Editors:

Dr. Rosalinda Mazzei

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

Dr. Emma Piacentini

Institute on Membrane
Technology, National Research
Council, ITM-CNR Via P. Bucci
17/C, 87036 Rende, CS, Italy

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Message from the Guest Editors

Dear Colleagues,

The use of integrated membrane processes is rapidly increasing in various industries where selective separation and/or purification is needed. A new and very interesting combination is the coupling of traditional membrane separation processes (microfiltration, ultrafiltration, etc.) with emerging membrane technologies such as biocatalytic membrane reactors, membrane emulsification, reverse osmosis, etc., promoting the use of integrated membrane processes in non-conventional applications (e.g., biorefinery) where catalysis, formulation, extraction, dehydration are required in addition to separation. This Special Issue is intended to provide innovative examples of integrated membrane processes in various sectors.

In this Special Issue, original research articles and reviews are welcome.



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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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Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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