

Special Issue

New Trends in Membrane Preparation and Applications

Message from the Guest Editors

Today, membranes represent a very well-established technology in desalination, biomedical applications and wastewater treatment, recovery of added value products by fractionation and concentrations applications, and in gas and vapor separation. In this Special Issue, researchers are invited to contribute original research papers, as well as review articles, related to the preparation, characterization, and application of polymeric, mixed matrix, and inorganic membranes, in both flat and hollow-fiber configuration. We are particularly interested in articles focusing on innovative aspects in the preparation and application of membranes with tailored and unique features. Potential topics include, but are not limited to:

- Advanced membrane preparation techniques;
- Membrane functionalization and application;
- Sustainability in membrane preparation;
- Study of the effect of operating conditions and process parameters on membrane morphology and performance;
- Application of high performing membranes in selected membrane processes.

Guest Editors

Dr. Alberto Figoli

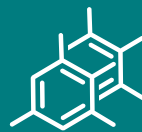
Institute on Membrane Technology, National Research Council, ITM-CNR, 87036 Arcavacata di Rende, Italy

Dr. Francesco Galiano

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

Deadline for manuscript submissions

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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