



Membrane Fabrication—Present-Day Scenario

Guest Editors:

Dr. Mona Semsarilar

Institut Européen des
Membranes—IEM, Université de
Montpellier, CEDEX 05, 34095
Montpellier, France

Dr. Lakshmeesha Upadhyaya

Biological and Environmental
Science and Engineering Division
(BESE), Advanced Membranes
and Porous Materials Center
(AMPM), King Abdullah University
of Science and Technology
(KAUST), 23955-6900 Thuwal,
Saudi Arabia

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

Dear Colleagues,

Membrane-based separation is one of the most widely accepted technologies used in day-to-day activities, from simple household water filtration units to complex industrial processes in the petrochemical, dairy and pharmaceutical industries. The advancement in material science has provided us with tools to design and prepare membranes with dialled in properties. Nowadays, every aspect of membranes can be varied, from initial steps of fabrication all the way to the operational stage, making the overall process efficient and cost-effective. The choice of the appropriate material and the best fabrication technique in the light of the final application is crucial since it determines the membrane permeation and separation efficiencies. In this Special Issue, we are highlighting the current advancements in materials and methods in membrane fabrication and their structure: application correlation.

Dr. Mona Semsarilar

Dr. Lakshmeesha Upadhyaya

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)