Special Issue

Foam and Emulsion Systems: Stability, Rheology, and Applications

Message from the Guest Editor

Foams and emulsions are ubiquitous in both natural and engineered systems, playing a central role in fields ranging from food and pharmaceuticals to materials science and environmental technologies. Their functional properties are intimately linked to their stability, interfacial behavior, and rheological characteristics, which in turn depend on the composition, processing conditions, and the presence of stabilizers such as surfactants, polymers, or particles. With growing interest in sustainable and bio-based formulations, the development and characterization of novel foam and emulsion systems have become increasingly relevant. This Special Issue aims to gather high-quality contributions focused on fundamental and applied aspects of foam and emulsion systems. Topics of interest include, but are not limited to, the following: interfacial phenomena and mechanisms of stabilization, rheology of dispersed systems, structure–function relationships, and innovative applications in areas such as drug delivery, food technology, cleaning processes, and cosmetics.

Guest Editor

Dr. Marcel Krzan

Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, 8 Niezapominajek St., 30-239 Krakow, Poland

Deadline for manuscript submissions

30 April 2026

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/247323

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

mdpi.com/journal/molecules

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/journal/molecules

MDPI

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).