

Special Issue

Nanostructured Formulations in Pharmaceutical, Medical and Cosmetic Applications 2.0

Message from the Guest Editor

Recently, many kinds of novel colloidal formulations of nanoscopic size with outstanding pharmaceutical, medical, and cosmetic potential have been investigated with an expansion in the design of a wide variety of “soft” and surface-modified nanostructures such as lipid-based or polymer-origin. For the both proposed groups of nanosystems, the rational design strategy in the self-organization of surfactants and lipids, as well as templating processes using polymers and co-polymers (including functionalized ones), should be applied, leading to the production of extremely colloidally stable, “intelligent”, and functional pharmaceutical or cosmetic forms. This Special Issue focusses on the recent progress in the design, engineering, and physicochemical evaluation of novel nanostructured formulations and their potential in pharmaceutical, medical, and cosmetic applications. It will include research papers and review articles reflecting the most recent developments in this dynamic research area, including “soft” and surface-modified nanostructures such as lipid-based (vesicular and non-vesicular origin) and polymer-based.

Guest Editor

Dr. Urszula Bazylińska

Department of Physical and Quantum Chemistry, Faculty of Chemistry, Wrocław University, University of Science and Technology, Wyb. Wyspiańskiego 27, 50-370 Wrocław, Poland

Deadline for manuscript submissions

closed (20 December 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/134791

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

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