

Special Issue

Recent Advances in Marine Origin Compound-Based Formulation with Anti-inflammatory Properties

Message from the Guest Editors

Compounds from marine organisms of various taxa form a pool of molecules that are unique in structure and properties and have enormous medicinal potential. Recent years have been marked by the discovery of new compounds of marine origin and the study of their pharmacological activity. Marine organisms produce active compounds of various groups, including polysaccharides, polyphenols, pigments, sterols, vitamins, and others. An effective and non-toxic anti-inflammatory agent is one of the key problems of modern science. Non-steroidal anti-inflammatory drugs and glucocorticoids are currently considered the most effective; however, a wide range of side effects affecting almost all organs and tissues of the body limit their long-term use. This Special Issue will focus on research papers, reviews, brief reports, and prospects for the use of new marine compounds-based formulations with anti-inflammatory effects, in favor of new research, with clear and proven effects and industrial applications and focus.

Guest Editors

Dr. Ekaterina D. Obluchinskaya

Murmansk Marine Biological Institute of the Russian Academy of Sciences (MMBI RAS), Vladimirskaaya, 17, Murmansk 183010, Russia

Dr. Olga N. Pozharitskaya

Murmansk Marine Biological Institute of the Russian Academy of Sciences (MMBI RAS), Vladimirskaaya, 17, Murmansk 183010, Russia

Deadline for manuscript submissions

closed (30 September 2022)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/112549

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

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





Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1
(Pharmaceutical Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).