pharmaceutics

IMPACT FACTOR 4.9

Indexed in: PubMed

CITESCORE 7.9

an Open Access Journal by MDPI

Overcoming Physiological Barriers Using Lipid Nanosystems

Guest Editors:

Dr. Carla Martins Lopes
1. FP-BHS—Biomedical and Health Sciences Research Unit, FP-I3ID—Instituto de Investigação, Inovação e Desenvolvimento, Faculty of Health Science, Fernando Pessoa University, 4200-150 Porto, Portugal
2. UCIBIO—Applied Molecular Biosciences Unit, MedTech—Laboratory of Pharmaceutical Technology, Faculty of Pharmacy, University of Porto, 050-313 Porto, Portugal

Dr. Marlene Lucio
1. CF-UM-UP, Centro de Física das Universidades do Minho e Porto, Departamento de Física da Universidade do Minho, 4710-057 Braga, Portugal
2. CBMA, Centro de Biologia Molecular e Ambiental, Departamento de Biologia, Universidade do Minho, 4710-057 Braga, Portugal

Deadline for manuscript submissions:
ecember 2021)

mdpi.com/si/57149

Message from the Guest Editors

Dear Colleagues,

The delivery of therapeutics using nanocarrier systems is an interdisciplinary area of study. Among the many nanocarrier systems, lipid-based nanosystems are recognized as promising commercial nanotherapeutic delivery systems due to their higher biocompatibility and lower toxicity. Currently, the production of nanomedicines consisting of lipid nanosystems that can supply therapeutic agents to a proper place at an appropriate time is an attractive field of research in pharmaceutical development. One of the main challenges to the development of nanomedicines is overcoming physiological barriers. A variety of approaches have been developed to overcome the barriers, including the rational development of finely tuned formulations and targeting and triggering strategies, to address complex and challenging issues in the transport of therapeutic agents across several physiological barriers.

This Special Issue seeks to present a collection of studies describing recent advances in the development of lipid nanosystems suited for the delivery of therapeutic agents and focused on overcoming physiological barriers.

Dr. Carla M. Lopes
Dr. Marlene Lucio
Guest Editors

pharmaceutics

IMPACT FACTOR 4.9 | Indexed in: PubMed | CITESCORE 7.9

an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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, Embase, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

Contact Us

Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
𝕏@MDPIpharma