

Special Issue

Liposomes for Transmucosal Drug Delivery

Message from the Guest Editors

Liposomes are safe and biocompatible vesicular nanosystems that can incorporate hydrophilic, hydrophobic and amphiphilic small molecules, as well as macromolecules, nanoparticulates, or bacterial and virus material. With different sizes and surface properties, these versatile vesicles have a huge potential as nanocarriers to overcome body barriers. Transmucosal administration is an alternative route for a great variety of medications. Ocular infections, glaucoma, macular degeneration, dry eye or corneal pain demand innovative medicines able to cross ocular barriers. The development of sustained local delivery at the buccal, nasal, vaginal, gastrointestinal or vesical cavity is in high demand for many drugs. On top of that, liposomal vectors for DNA, mRNA and other types of vaccines intended for transmucosal delivery are highly sought after. Liposomal formulations may incorporate a great variety of active compounds and transport them from the mucous membrane to the target site. This Special Issue aims to highlight current progress in the development of liposomes for the transmucosal delivery of drugs and vaccines.

Guest Editors

Prof. Dr. Amparo Sánchez Navarro

Department of Pharmaceutical Sciences, Faculty of Pharmacy,
University of Salamanca, 37007 Salamanca, Spain

Dr. María José de Jesús Valle

Department of Pharmaceutical Sciences, Faculty of Pharmacy,
University of Salamanca, 37007 Salamanca, Spain

Deadline for manuscript submissions

closed (10 February 2023)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/102138

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 pharmaceuticals and biopharmaceuticals. 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

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPIus / 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 15.7 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).