

Special Issue

Targeted Topical Drug Delivery: Improving the Efficacy of Local Therapy and Decreasing the Risk of Off-Target Side-Effects

Message from the Guest Editors

Parts of the body directly in contact with the external environment (e.g., skin, eyes, nails, the buccal cavity or lungs) are often host to local diseases, e.g., viral, fungal, and bacterial infections and autoimmune conditions, to name but a few. Progress in modern evidence-based medicine and pharmaceutical research has enabled the successful management of these conditions and undeniably led to improvement in patients' quality of life. Nevertheless, despite the accessibility of these regions, too many drugs are still administered far from the diseased site, i.e., orally or parenterally. Only a small fraction of the administered dose reaches the peripheral target site, and even then, it can be at suboptimal concentrations. Topical drug delivery allows the API to be conveyed directly to its site of action, providing relevant therapeutic concentrations and avoiding unnecessary systemic circulation, first-pass hepatic metabolism, and off-target side-effects. Nevertheless, topical delivery is often challenging because organs exposed to the environment possess effective barrier functions that hinder the entry of xenobiotics.

Guest Editors

Prof. Dr. Yogeshvar N. Kalia

School of Pharmaceutical Sciences, University of Geneva & University of Lausanne, CMU-1 rue Michel Servet, 1211 Geneva 4, Switzerland

Dr. Maria Lapteva

School of Pharmaceutical Sciences, University of Geneva & University of Lausanne, CMU-1 rue Michel Servet, 1211 Geneva 4, Switzerland

Deadline for manuscript submissions

closed (20 February 2020)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/28157

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
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).