



Transmucosal Absorption Enhancers in the Drug Delivery Field

Guest Editors:

Dr. Luca Casettari

Department of Biomolecular Sciences, University of Urbino "Carlo Bo", 61029 Urbino, Italy

Dr. Sam Maher

School of Pharmacy, Royal College of Surgeons in Ireland, St. Stephen's Green, Dublin 2, Ireland

Prof. Lisbeth Illum

Oakleigh, 80 Mount Durand, St. Peter Port, Guernsey GY1 1DX, Channel Islands, UK

Deadline for manuscript submissions:

closed (15 January 2019)

Message from the Guest Editors

Development of strategies to assist the movement of poorly permeable molecules across biological barriers has long been the goal of drug delivery science. In the last decades, there has been an exponential increase in advanced drug delivery systems that aim to address this issue. However, most proprietary delivery technologies that have progressed to clinical development are based on permeation enhancers (PEs) that have a history of safe use in man.

This Special Issue aims to present the current state of the art in the application of PEs to improve drug absorption. Emphasis is placed on identification of novel permeation enhancers, mechanisms of barrier alteration, physicochemical properties of PEs that contribute to optimal enhancement action, studies assessing safety of PEs, approaches to assist translation of PEs into effective oral dosage forms.

We invite research scientists from the pharmaceutical/food industry or academia to submit original research articles, review articles or commentaries.





an Open Access Journal by MDPI

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

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