pharmaceutics

IMPACT FACTOR 5.4

Indexed in: PubMed

CITESCORE 6.9

an Open Access Journal by MDPI

Polymers Enhancing Bioavailability in Drug Delivery, 2nd Edition

Guest Editor:

Dr. Ana Isabel Fernandes
CiiEM – Interdisciplinary Research Center Egas Moniz, Instituto Universitário Egas Moniz, Quinta da Granja, Monte de Caparica, 2829-511 Caparica, Portugal

Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Currently, many of the drug entities entering the clinic face bioavailability issues, mainly due to poor water solubility and/or permeability, in addition to issues with physicochemical instability or degradation in the body. Polymers, either natural or synthetic, present an array of different backbones and functional groups, sizes, shapes, as well as mechanical and degradation properties, which have been exploited in drug delivery and targeting. Strategies for bioavailability enhancement using functionalized polymers include solid amorphous dispersions for improved solubility; chemical modification for extended blood residence and reduced or abrogated immunogenicity and antigenicity; protection from harsh pH or enzymatic degradation; as well as tailored rate and temporal/spatial drug release.

This Special Issue, Polymers Enhancing Bioavailability in Drug Delivery—Volume II, aims to review the specific functional benefits granted by polymers to formulations, which are very much reliant on polymer structure and design, and result in improved drug bioavailability and therapeutic index. You are welcome to submit your research or review

pharmaceutics

IMPACT FACTOR 5.4 | Indexed in: PubMed | CITESCORE 6.9

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 & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

Contact Us

Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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