pharmaceutics

IMPACT FACTOR 5.4

Indexed in: PubMed

CITESCORE 6.9

an Open Access Journal by MDPI

Dissolution Enhancement of Poorly Soluble Drugs

Guest Editors:

Prof. Dr. Ecevit Bilgili
Otto H. York Department of Chemical and Materials Engineering, New Jersey Institute of Technology, Newark, NJ 07102, USA

Prof. Dr. Rajesh N. Dave
Otto H. York Department of Chemical and Materials Engineering, New Jersey Institute of Technology, Newark, NJ 07102, USA

Deadline for manuscript submissions:
closed (30 May 2018)

Message from the Guest Editors

An increasing number of small molecules in the pipeline of pharmaceutical companies exhibit poor aqueous solubility, low dissolution rate, thus, poor bioavailability, which presents a major challenge in developing such molecules into medicines. To enhance the solubility and dissolution rate, several approaches have been developed, such as nano/micro-particle based formulations, amorphous solid dispersions, lipid-based drug delivery systems, pro-drugs, and co-crystals. Within the context of "Poorly Soluble Drugs," this Special Issue aims to disseminate knowledge and information about novel materials, formulations, processes, characterization–testing methods, and provide a fundamental understanding of existing formulations–processes and insight into the mechanisms by which solubility/dissolution rate of the drugs are enhanced. Papers providing insight into the formation, structure, physico-chemical properties, and physical stability of the dosages with poorly water-soluble drugs as well as those exploring glass-forming ability of drugs, recrystallization tendency, and nano/microparticle formation are especially welcome.

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