

Special Issue

Novel Formulation Strategies for Enhancing Dissolution and/or Oral Bioavailability

Message from the Guest Editors

Poor oral bioavailability has become a major challenge in drug development due to both poor water-solubility and poor permeability across intestinal biomembranes. Despite significant efforts to optimize drug leads, about 40% of currently marketed drugs and 70% of drug candidates are poorly water-soluble. To enhance oral bioavailability, it is a prerequisite to improve the dissolution rate in the gastrointestinal tract. For BCS II (poor solubility, high permeability) drugs, enhancement of dissolution is workable, whereas for BCS IV (poor solubility, poor permeability), enhancement of both dissolution and permeability is highly demanded. Various formulation strategies have been employed in the past to enhance the dissolution and oral absorption, such as solid dispersion, inclusion complexation, nanosizing, co-crystallization and lipid-based delivery systems. This Special Issue serves as a forum to bring together prominent scientists from all around the world. We invite review/original articles on all aspects of “Novel Formulation Strategies for Enhancing Dissolution and/or Oral Bioavailability”.

Guest Editors

Prof. Dr. Wei Wu

Department of Pharmaceutics, School of Pharmacy, Fudan University, Shanghai 201203, China

Dr. Yi Lu

Key Laboratory of Smart Drug Delivery of MOE, School of Pharmacy, Fudan University, Shanghai 201203, China

Prof. Dr. Jianping Qi

School of Pharmacy, Fudan University, Shanghai 201203, China

Deadline for manuscript submissions

closed (15 January 2019)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/16301

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).