

Special Issue

Recent Progress in Solid Dispersion Technology, 3rd Edition

Message from the Guest Editor

For over half a century, amorphous solid dispersion (ASD) has been recognized as a powerful formulation technology for improving the oral absorption of poorly soluble drugs. Despite this long history, novel important findings on ASD continue to be reported every year. In contrast to other solubilization technologies using additives, including surfactants, cyclodextrins, and organic solvents, which increase equilibrium solubility, amorphization does not disturb the membrane permeation process. Thus, the probability of success in the improvement of oral absorption is considered generally high for ASD. In 2019, a Special Issue entitled “Recent Progress in Solid Dispersion Technology” was published to cover the cutting-edge research in this field, followed by the 2nd edition in 2021. We have decided to publish the 3rd edition to keep up with the new knowledge and technologies that have since emerged in ASD research.

Guest Editor

Dr. Kohsaku Kawakami

Research Center for Macromolecules and Biomaterials, National Institute for Materials Science (NIMS), 1-2-1 Sengen, Tsukuba 305-0047, Ibaraki, Japan

Deadline for manuscript submissions

closed (10 January 2025)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/189181

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, 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).