



Recent Progress in Solid Dispersion Technology

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 (19 May 2019)

Message from the Guest Editor

Dear Colleagues,

Amorphous solid dispersion (ASD) has been recognized as a powerful formulation technology to improve oral absorption of poorly soluble drugs for more than half century. Despite such a long history, novel important findings on ASD is still being reported every year. Another topic which is actively discussed recently to understand performance of ASD is crystallization behavior of active pharmaceutical ingredients. The development of a novel manufacturing method and excipient are also grand challenges.

This special issue welcomes any topics regarding recent progress in ASD technology as exemplified above but not limited to.

Dr. Kohsaku Kawakami

Guest Editor

Keywords

- Amorphous
- Solid dispersion
- Poorly soluble drug
- Supersaturation
- Crystallization
- Stability
- Spray-drying
- Hot-melt Extrusion





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, CAPus / 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