



## Amorphous Solid Dispersions: Rational Selection of a Manufacturing Process

Guest Editors:

**Prof. Dr. Gabriele Sadowski**  
Laboratory of Thermodynamics,  
Department of Biochemical and  
Chemical Engineering, TU  
Dortmund University, Emil-Figge-  
Str. 70, 44227 Dortmund,  
Germany

**Dr. Christian Luebbert**  
Amofor GmbH, Otto-Hahn-Str. 15,  
44227 Dortmund, Germany

Deadline for manuscript  
submissions:  
**closed (20 September 2022)**

### Message from the Guest Editors

Dear Colleagues,

Amorphous solid dispersions have become a preferred formulation technique to enhance the insufficient bioavailability of the increasing number of poorly-soluble molecules in drug development. The selection of the most appropriate manufacturing process depends on various material-related aspects, the intermolecular interplay among the substances or regulatory aspects and needs to be optimized individually for each formulation. The manufacturing process influences strongly the performance of the final formulation, e.g. stability or dissolution. High efforts have been made to understand and predict the role of the manufacturing process on the formulation performance, but many process decisions are still made based on trial-and-error basis or empirical knowledge. Experts and researchers are invited to contribute to this Special Issue on the rational selection of a manufacturing process for amorphous solid dispersion formulations to advance and exchange on this field of formulation development.

Prof. Dr. Gabriele Sadowski  
Dr. Christian Luebbert  
*Guest Editors*





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 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](http://www.mdpi.com)

[mdpi.com/journal/pharmaceutics](http://mdpi.com/journal/pharmaceutics)  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)  
X@MDPIpharma