

Special Issue

Amorphous Solid Dispersions: Rational Selection of a Manufacturing Process

Message from the Guest Editors

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.

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