

## Special Issue

# Advances in Amorphous Solid Dispersions

### Message from the Guest Editor

This Special Issue, entitled "Advances in Amorphous Solid Dispersions", aims at highlighting the latest developments in the formulation and application of amorphous solid dispersions (ASDs) in the pharmaceutical sciences. ASDs have become a crucial approach to enhance the solubility and bioavailability of poorly water-soluble drugs, addressing a major challenge in drug development. By converting crystalline drugs into amorphous forms, ASDs can significantly improve dissolution rates and therapeutic effectiveness. The importance of ASDs lies in their potential to optimize oral dosage forms and improve patient outcomes. Recent innovations in materials, formulation techniques, and characterization methods have led to the development of more stable and efficient ASD formulations. We invite original research articles and review papers that explore novel methodologies, the use of theoretical research, stability investigations, formulation strategies, and innovative applications of ASDs. Contributions that address challenges in the formulation, processing, and characterization of amorphous solid dispersions are particularly welcome.

### Guest Editor

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## Pharmaceutics

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### Message from the Editor-in-Chief

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