# **Special Issue**

# Advanced Research on Amorphous Drugs

## Message from the Guest Editor

With advancements in high-throughput screening and combinatorial chemistry, the efficiency of new drug development has markedly increased. However, many new drugs still face significant challenges due to poor water solubility, which limits their bioavailability. Amorphous drug formulations have emerged as a promising solution to this problem, offering enhanced solubility by increasing the free energy of poorly watersoluble compounds. However, this increase in free energy also elevates the risk of physical instability, which presents a major challenge in developing stable and effective amorphous formulations. This Special Issue will feature original research and comprehensive review articles, aiming to explore the latest advancements in the development of amorphous drug formulations. Topics of interest include, but are not limited to, innovative preparation methods, novel evaluation techniques, advanced predictive models for physical stability, and mechanistic insights into the behavior of amorphous drug formulations. Experts in these fields are invited to contribute their work to this Special Issue.

#### **Guest Editor**

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#### Deadline for manuscript submissions

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