

## Special Issue

# Cocrystallization for Drug Delivery

### Message from the Guest Editor

Pharmaceutical cocrystals are currently a hot topic in the pharmaceutical industry due to their ability to improve the solubility, stability, in vitro dissolution rate, and bioavailability of poorly soluble drugs. This is especially interesting for BCS class II drugs. Additionally, multidrug cocrystals have been studied to improve the potential applications of cocrystals and increase the therapeutic efficacy of combined drugs. Several strategies have been reported for preparing cocrystals, and different methods are then carried out for complete solid-state characterization. An important step is to understand the behavior of cocrystals as supersaturating drug delivery systems, studying drug supersaturation and precipitation processes and the influence of precipitation inhibitors. This way, cocrystals can be considered promising active pharmaceutical ingredients for better formulations with improved therapeutic efficacy. This Special Issue aims to present recent advances in cocrystallization for drug delivery, covering all aspects from cocrystal synthesis to in vivo studies.

### Guest Editor

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