



Advances in Co-Amorphous Drug Formulations

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Since the concept of co-amorphization was introduced more or less a decade ago, the amount of research activity around the topic has increased exponentially. The co-amorphous approach has become a preferred alternative to polymeric solid dispersions in the stabilization of the amorphous state and in improving the dissolution rate of drugs. Along the way, our understanding of the formation of co-amorphous systems, the selection of co-formers, interactions between the mixture components, dissolution enhancement and physical stability has increased. However, challenges remain, as more research is required on the processability of co-amorphous mixtures into final dosage forms. In addition to oral administration, alternative routes, such as pulmonary, may be used for delivering co-amorphous formulations. Therefore, this Special Issue welcomes articles that cover all aspects of the design, manufacturing, characterization and final formulation of co-amorphous mixtures, aiming to reflect their current status and highlight the future prospects and challenges of amorphous drug formulations on their way to becoming medicinal products.

Dr. Riikka Laitinen

Guest Editor





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Message from the Editor-in-Chief

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