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Polymorphs, Salts, and Cocrystals in Drug Delivery

Guest Editor:

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Message from the Guest Editor

Historically, the interest in polymorphs, salts, and cocrystals arose from a desire to control the solid form used in drug development and avoid costly delays such as the ritonavir disaster. Screening methods were developed by SSCI and other companies and marketed as potential solutions to these problems. Many large companies developed internal teams to address these issues. However, even in the early years, drug delivery scientists were interested in salts especially based on the early paper by Eino Nelson. Many years later, the application of polymorphs, cocrystals and salts, and other solid-state chemistry approaches to drug delivery has emerged as a powerful new method to control drug release and bioavailability.

This issue aims to compile and document some of the most powerful drug delivery methods using polymorphs, cocrystals, salts, and solid-state chemistry. The goal is to enable the reader to access important papers in this area in a single journal issue.

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