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Pharmaceutical Dosage Forms: Drug Release, Solubility and Stability Evaluation

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Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

In the two past decades, the use of sophisticated experimental techniques, advanced computational methods, and complementary technologies in the drug discovery process has led to poor water solubility for nearly 60%–90% of the developmental pipeline drugs and almost 40 % of approved drugs. Nowadays, a lot of studies involve different approaches for enhancing the solubility of poorly water-soluble drugs and the design and development of modified drug delivery systems with optimized biopharmaceutics, pharmacokinetic and pharmacodynamics properties of drugs.

This Special Issue aims at collecting research covering drug solubility along with techniques and strategies addressing low solubility of active substances, drug release, modified drug delivery systems and issues related to drug stability, including drug-excipient interaction, being known the major importance in the selection of suitable excipients in the drug development process for the efficiency, quality, safety and stability of pharmaceutical dosage forms. In this Special Issue, original research articles and reviews are welcome.

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Message from the Editor-in-Chief

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