



Stability of Medicines and Novel Approaches for Predicting Drug Stability

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Message from the Guest Editors

Dear Colleagues,

Stability is a key parameter to consider when preparing pharmaceutical dosage forms. Novel drug delivery systems have been shown to enhance both the chemical and physical stability of drugs, which is of extreme importance in the pharmaceutical industry. Advanced manufacturing techniques such as 3D printing have arisen as a promising technology to prepare extemporaneous compounding formulations. However, stability studies on these formulations are limited and represent a topic worthy of investigation. This Special Issue is focused on understanding the impact of novel drug delivery systems and new drug manufacturing methods on final drug stability. In addition, stability testing using novel methodological approaches such as accelerated predictive stability (APS) or accelerated stability assessment programs (ASAP) will be covered in this issue as an alternative to conventional ICH guidelines, as there is currently little information available regarding prediction of physical stability of amorphous systems as well as biological compounds such as peptides and proteins.





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Message from the Editor-in-Chief

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