Special Issue

Innovative Formulations of Poorly Soluble Drugs

Message from the Guest Editor

Since poorly soluble drugs make up more than 70% of new molecular entities currently in development and about 40% of marketed products, it is a constant challenge for scientists to effectively increase their druggability and develop innovative formulations through pharmaceutical technologies. Various physical and chemical approaches, such as size reduction, solid dispersion, co-crystal or co-amorphous formation, inclusion complexation, lipid/polymer-based delivery systems, and prodrug design, have been employed to enhance solubility, dissolution, and ultimately increase the oral bioavailability of poorly soluble drugs. This Special Issue aims to highlight the latest progress and research of pharmaceutical technologies to solve delivery problems in the context of new application scenarios of poorly soluble drugs. We invite articles on aspects of establishment of novel delivery technologies of poorly water-soluble drugs, studies of mode of function and new application of technologies, development, and evaluation of relevant innovative formulations.

Guest Editor

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Message from the Editor-in-Chief

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