

Special Issue

Advances in Formulation of Poorly Soluble Bioactive Compounds

Message from the Guest Editor

A significant number of already existing or newly investigated drugs and bioactive molecules are severely hindered by their low solubility in water and biological fluids (e.g., BCS class II and IV compounds). This process affects the development of many formulations and the clinical success of theoretically promising compounds.

In recent decades, researchers have developed various ideas and strategies to improve the solubility of drugs, and to formulate and efficiently deliver poorly soluble compounds at a pharmacologically active concentration, for example, by their inclusion in polymers or cyclodextrins, through micro/nanotechnological approaches, or by chemical changes in the molecules.

This Special Issue invites submissions that discuss the advanced ideas and experiments in this specific area of pharmaceutical science, presenting a contemporary perspective supported by recent scientific evidence, of the potentiality of formulating “difficult” compounds.

Guest Editor

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Deadline for manuscript submissions

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