



Advances in Self-Double-Emulsifying Drug Delivery Systems

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Message from the Guest Editors

Dear Colleagues,

To solve solubility issues, lipophilic drug delivery systems are a good method to increase the bioavailability of the said lipophilic drugs. Of these systems, self-emulsifying drug delivery systems are superior to other lipid-based formulations in terms of possessing a higher solubilization tendency, having robust formulation advantages, easier scalability in the industrial milieu, providing drug protection against certain environments, such as the gastrointestinal tract, inhibiting drug efflux as mediated by P-glycoprotein, enhancing lymphatic drug uptake, improving control over drug plasma concentration profiles, enhancing stability, and increasing drug loading efficiency. Besides, self-double-emulsifying drug delivery systems (SDEDDSs) have been shown to significantly enhance the intestinal permeability of Biopharmaceutics Classification System class III drugs, and are considered thermodynamically more stable than double emulsions.

This Special Issue aims to collect research and review papers on the advances made in SDEDDSs in the pharmaceutical field and will summarize the latest findings on SDEDDSs published as well as provide direction for future research.





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Message from the Editor-in-Chief

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