

Special Issue

Recent Advances in Self-Emulsifying Drug Delivery System (SEDDS)

Message from the Guest Editor

Self-emulsifying drug delivery systems are a homogeneous mixture of drugs, oil phases, surfactants and cosurfactants that can spontaneously form fine-grained O/W droplets with particles (particle size < 5 µm) after oral administration via slight peristalsis in the gastrointestinal tract. SEDDS are one of the most effective methods for improving the oral absorption of insoluble or lipophilic drugs, and they can improve drug solubility and delay drug hydrolysis, as well as enhance drug lymphatic transport. With the deepening of research in recent years, especially in the application of targeted or control-released materials in SEDDS, control-released, self-emulsifying solid preparations or targeted self-microemulsion preparations have been further formulated and, thus, self-emulsifying drug delivery systems have demonstrated their great development potential. This Special Issue will summarize the latest findings on SEDDS published in the field of ocular pharmacology, as well as provide directions for future research.

Guest Editor

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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