Special Issue

Lipid Nanosystems for Local Drug Delivery

Message from the Guest Editors

Currently, the development of nanomedicines based on lipid nanosystems capable of delivering therapeutic drugs to a desired body site is an attractive area of research in the pharmaceutical field. The major advantage of local drug delivery is that the drug concentration in a specific desired site can be enhanced, reducing the toxicity to other nontargeted locations. Local drug delivery using nanosystems is accomplished in two different ways: direct local placement (e.g., local administration at the intended site of use) or systemic administration, either targeted or triggered. This Special Issue seeks to present a collection of innovative studies describing recent advances in the development of lipid nanosystems suited for local drug delivery, using both strategies (i.e., localized delivery or targeted/triggered strategies), and highlighting their advantages in this research area.

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