



## Lipidic Mesophases and Their Nano-Dispersions: An Emerging Drug Delivery Platform

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### Message from the Guest Editor

Lipidic mesophases and their nano-dispersions are an attractive and alternative drug delivery system, capable of incorporating and protecting molecules of different polarities and sizes from chemical and physical degradation and providing an efficient and controlled drug release mechanism to a specific location in vivo, thereby optimizing the drug therapeutic window. Thanks to their material properties, the use of mesophases as a drug carrier will grow quickly in the near future, and some mesophase based-products are already on the market or under clinical trials.

This Special Issue will cover disparate features of lipidic mesophases and their water dispersion (such as cubosomes and hexosomes) as a means to control or modify the release of drugs from delivery systems in vitro and in vivo. Therefore, the encapsulation of pharmaceuticals and bio-pharmaceuticals, their controlled release kinetics, and their organ-specific bioavailability (through a targeting strategy) will be the Special Issue's goal. Reviews or original articles on lipidic mesophases and their nano-dispersions as drug delivery systems are therefore invited.





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