



Nano Drug Carriers

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Message from the Guest Editor

Nano-sized drug delivery systems have been widely studied during the last three decades. The renewed optimism in the field brought about by the introduction of nanoscience and nanotechnology in medicine, gave rise to the pursuit of additional goals such as triggered release, enhanced cell membrane permeation and, even, subcellular targeting. To date, more than fifty nanotherapeutics/nanoformulations have been approved, primarily based on liposomes, polymeric micelles or PEGylated peptides/proteins, and even more are currently under clinical investigation. Further advances are anticipated by the use of appropriate mathematical modeling and computer science, including artificial neural networks, that are emerging to facilitate further understanding of the complex processes related to drug delivery.

In this Special Issue of *Pharmaceuticals*, both research, mini-review and review articles advancing our knowledge on nano-sized drug delivery systems are invited. Topics include, but are not limited to:

- nano-sized systems
- drug encapsulation
- drug targeting
- biodistribution
- controlled release
- triggered release





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Editor-in-Chief

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Message from the Editor-in-Chief

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