



Drug-Loaded Nanofibers: Controlled and Sustained Release

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Message from the Guest Editor

Dear Colleagues,

Drug-loaded nanofibers have attracted a great deal of attention over the past two decades due to their unique characteristics. Furthermore, drug-loaded nanofibers provide various advantages including: 1) polymer nanofibers provide a useful pathway for the delivery of water insoluble drugs; 2) the drug release profile can be easily fine-tailored; 3) there is a lot of flexibility in the use of nanofibers in designing various dosage forms; 4) nanofibers often possess a higher drug encapsulation efficiency than other nanotechnologies; 5) drug-loaded nanofibers offer the advantages of conventional solid dosage forms such as easy processing, good drug stability, and ease of packaging and shipping.

This Special Issue of *Pharmaceutics* will attempt to cover the recent advancements in the fabrications and applications of these drug-loaded nanofibers.

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Guest Editor

Keywords

- nanofibers
- drug delivery
- release characteristics
- fabrication
- applications





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