



Recent Development of Electrospinning for Drug Delivery

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Message from the Guest Editors

Several promising techniques have been developed to overcome the poor solubility and/or membrane permeability properties of new drug candidates, including different fiber formation methods. Electrospinning is one of the most commonly used spinning techniques for fiber formation applied to the drug-loaded solution. The fiber properties enable the improved rate and extent of solubility, causing a rapid onset of absorption. However, the enhanced molecular mobility of the amorphous drugs embedded into the fibers is responsible for their physical-chemical instability.

This Special Issue will address new developments in the area of electrospun nanofibers for drug delivery applications. We invite articles on all aspects of drug-loaded fibrous dosage forms focusing on the processability, structures and functions, and stability issues based on regulatory requirements.





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