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Electrospun Polymer Nanofibers: Preparation, Design, and Characterization

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Message from the Guest Editor

Dear Colleagues,

Electrospun polymer nanofibrous materials have shown broad application prospects; this includes but is not limited to, use in aerospace, wearable smart fabrics, and biomedical applications. The growing demand for these various applications motivates the development of the more advanced preparation, design, and characterization of electrospun polymer nanofibers and their fibrous aggregates. This Special Issue aims to report some of the pioneering work that is currently aiming to resolve the existing problems that hinder the practical applications of electrospun polymer nanofibers. Even a relatively small step forward in areas such as precise regulation, creating a green preparation method, or developing an appropriate application could inspire or stimulate a large number of researchers to raise electrospinning technology to new heights.

In general, research on all types of electrospinning polymer nanofibers, biomass nanofibers, and nanocomposites is invited by this Special Issue. The characterization of these materials from an innovative perspective in a way that refers to the various emerging applications is highly welcomed.

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Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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