Special Issue

Electrospun Polymeric Materials for Drug Delivery

Message from the Guest Editors

In recent years, nanofibrous materials have attracted increased attention in drug delivery applications due to their unique properties. Characterized by nano- or microscale dimensions and porous structures, they offer a large specific surface area in addition to appreciable mechanical strength and flexibility. Electrospinning is one of the most widely used fiber-formation techniques, offering several possibilities for fine-tuning the properties of the obtained fibrous material to meet specific drug-delivery requirements. A large variety of pharmaceutically relevant molecules have been successfully incorporated into electrospun polymeric materials, from small molecular drugs to monoclonal antibodies. The obtained fibrous materials can accelerate the dissolution of the active ingredient or can be useful in controlling drug delivery and release kinetics. This Special Issue will address the latest developments in electrospun polymeric materials for drug delivery applications. Authors are welcome to submit their work on the development, scaled-up production, characterization, and application of obtained fiber-based drug delivery systems.

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker
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