# Special Issue

# Electrospinning of Biopolymer Nanofibers

### Message from the Guest Editor

Electrospinning is a versatile technique to produce nanofibers from diverse polymers. Especially biopolymers are often dissolvable in water and can thus be electrospun in an eco-friendly way. These materials, however, need a crosslinking after-treatment to receive the desired amount of water-resistance. On the other hand, water-resistant polymers can be blended with water-soluble biopolymers, in this way modifying the nanofiber morphology or adding the intrinsic functionalities of the latter, such as antibacterial or fungicide properties. Other biopolymers are intrinsically water-stable and thus do not need crosslinking or blending for most applications. This special issue focusses on electrospinning of biopolymers, either solely or blended with other biopolymers or man-made polymers. It covers the full range from basic research on electrospinnability with different techniques (needle, wire, cylinder etc.) to "green" crosslinking routes to possible applications and methods of upscaling nanofiber production from laboratory to industry scale.

### Guest Editor

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### Deadline for manuscript submissions

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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 4.9.

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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