Special Issue

Biopolymer Nanofiber

Message from the Guest Editor

Modern technology is experiencing a significant shift towards biobased polymers, caused by their biodegradablity, renewable sources, or due to their “green” agricultural biomolecular origin. The shift is driven by a necessity to reduce dependence on synthetic materials, namely on petroleum-derived polymers. In fact, according to some estimates, almost 40% of global production of petroleum is used to produce petroleum-based polymers. The recent push towards a sustainable future (e.g., the Paris Climate Accord, etc.) is also pushing industry to minimize their dependence on petroleum. As a result, significant efforts are directed toward production of biopolymers. Biopolymer-based nanofibers are going to play a significant part in this effort owing to sustainability with added functionality from biopolymers.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.
We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

Editor-in-Chief

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