



fibers



an Open Access Journal by MDPI

Biopolymer Nanofiber

Guest Editor:

Prof. Dr. Suman Sinha Ray

Department of Mechanical and Industrial Engineering, University of Illinois Chicago, Chicago, IL 60607-7022, USA

Deadline for manuscript submissions:

closed (15 November 2018)

Message from the Guest Editor

Dear Colleagues,

Modern technology is experiencing a significant shift towards biobased polymers, caused by their biodegradability, 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.



mdpi.com/si/11186

Special Issue



fibers



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Martin J. D. Clift

In Vitro Toxicology Group,
Institute of Life Sciences 1,
Swansea University Medical
School (SUMS), Swansea SA2
8PP, Wales, UK

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), PubAg, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Materials Science, Multidisciplinary*) / CiteScore - Q1 (Civil and Structural Engineering)

Contact Us

Fibers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/fibers
fibers@mdpi.com
X@JFibers