

Special Issue

Nanofibrous Scaffolds Application in Biomedicine

Message from the Guest Editors

Nanofibers are explored for a variety of biomedical applications such as carriers for drug/therapeutic agent delivery, wound dressing materials and as porous three-dimensional scaffolds for engineering various tissues such as skin, blood vessels, nerve, tendon, bone and cartilage. The articles in this Special Issue will provide a platform for future research and innovation in the field of smart and functional nanofibrous electrospun scaffolds. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Smart nanofibrous scaffolds for tissue engineering.

Multifunctional nanofibers scaffold for regenerative medicine.

Chemical and physical functionalization of nanofibrous scaffold.

Unconventional nanofibrous materials for biomedicine.

New applications of nanofibers for biomedical devices.

Nanofibers for smart therapeutics treatments.

Nanofibrous scaffolds for drug delivery.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (10 April 2025)



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Editor-in-Chief

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