Special Issue

Electrospun Composite Nanofibrous Scaffolds for Therapeutic Delivery and Tissue Engineering

Message from the Guest Editors

Last few decades, electrospinning techniques have gain tremendous attention in regenerative medicine. Electrospinning technique is a simple, versatile and cost-effectiveness method to produce either aligned or random fibers from few nanometers to micrometers diameters. This method has been used to fabricate not only polymers (natural/synthetic/semisynthetic) but also for composite and ceramic micro-/nanofibers. Based on the characteristics of the produced fibers, they have been utilized for various application including therapeutic delivery and tissue engineering. Recently, the advancement in electrospinning technique has endowed to produced unique fibrous scaffolds for various tissue engineering such as bone, cartilage, muscle, and nerve. Thus, we invite the researcher to communicate the research articles, review papers and communications with broad applications in regenerative medicine.

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Deadline for manuscript submissions

closed (31 December 2022)

International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed

mdpi.com/si/78879

International Journal of Molecular Sciences
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