

Biomedical applications of polymeric nanofibers

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20405812&lokasi=lokal>

Abstrak

This book includes about multiscale fibrous scaffolds in regenerative medicine, stem cells and nanostructures for advanced tissue regeneration, creating electrospun nanofiber-based biomimetic scaffolds for bone regeneration, synthetic/biopolymer nanofibrous composites as dynamic tissue engineering scaffolds, electrospun fibers as substrates for peripheral nerve regeneration, highly aligned polymer nanofiber structures : fabrication and applications in tissue engineering, electrospinning of biocompatible polymers and their potentials in biomedical applications, electrospun nanofibrous scaffolds-current status and prospects in drug delivery, and biomedical applications of polymer/silver composite nanofibers.