



Electrospun Nanofibrous Membrane for Delivery of Antimicrobial Agents

Guest Editors:

Dr. Chen-Hung Lee

Division of Cardiology,
Department of Internal Medicine,
Chang Gung Memorial Hospital
at Linkou, Chang Gung University
College of Medicine, Taoyuan
33305, Taiwan

Prof. Dr. Shih-Jung Liu

Mechanical Engineering, Chang
Gung University Adjunct
Professor, Orthopedic Surgery,
Chang Gung Memorial Hospital
Tao-Yuan, Taoyuan 33302,
Taiwan

Deadline for manuscript
submissions:

closed (25 May 2023)

Message from the Guest Editors

Nanotechnology has gained an increased interest in several different areas of biotechnology, including tissue engineering and drug delivery via nanofibers. Drug delivery systems facilitate controlled drug supply with respect to time, quantity and location. This is primarily made possible because of the creation of nanofibrous scaffolds that are capable of biomimicking the extracellular matrix (ECM). Electrospinning can be used to successfully generate nanofibers with sizes well within the range of those of the fibers present in the ECM (50–500 nm), which plays an important role in regulating cellular behaviors by influencing cells with the help of biochemical signals and topographical cues. This Special Issue aims to highlight the most popular applications of nanofibers related to the delivery of antimicrobial agents for various diseases. Reports of fundamental scientific investigations are welcome, and so are articles correlated to the practical applications of nanofibers in tissue engineering and drug delivery. Both experimental and theoretical work is of interest, and theoretical papers will generally include the comparison of predictions with experimental data.





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Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für
Angewandte Polymerforschung,
Lehrstuhl für Polymermaterialien
und Polymertechnologie,
Universität Potsdam,
Geiselbergstraße 69, 14476
Potsdam-Golm, Germany

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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