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Electrospun Composite Nanofibers: Sensing and Biosensing Applications

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Message from the Guest Editors

Electrospun nanofibers produced via simple electrospinning technique have demonstrated vast interest in various fields due to its astonishing properties such as unique structure, high surface area and well-defined porosity. Its simple and controlled surface modification, incorporation of active species and easy handling are the key advantages that made the nanofibers a suitable candidate in various application such as catalysis, filters, sensors, energy and biomedicals. Recently, a growing interest in the potential use of electrospun composite nanofibers in sensing and biosensing applications. Some of the very importance electrospun composite nanofibers-based sensors are wearable biosensors, metal-ion sensors, drug molecules sensors, label-based and label-free biosensors, electrochemical sensors, etc. In this light, the aim of this Special Issue is to generate discussion on the latest advances in research on electrospun composite nanofibers-based sensing and biosensing applications.

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Message from the Editor-in-Chief

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