



Nanofibrous Scaffolds: Promising Wound Dressing Materials

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Message from the Guest Editor

Dear Colleagues,

Despite significant progress in the development of wound dressings, the availability of wound dressings for non-healing wounds, in addition to other types of injuries that require skin grafts, is still a challenge. Nanofibrous scaffolds and wound dressings are promising and distinguished materials that mimic the fibrous component of the natural extracellular matrix. They are useful as carriers for skin cells, promote skin regeneration and prevent the invasion of wounds by microbes. Nanofibrous wound dressings are loaded with growth factors, antioxidants, hormones, antimicrobial agents, and vitamins. Nanofibrous scaffolds are classified as advanced wound dressings, and they can facilitate controlled drug release within the wound environment. In this Special Issue of Pharmaceutics, we aim to highlight recent advances in nanofibrous scaffolds for wound healing applications, preparation techniques, advantages and potential drawbacks, and the in vitro and in vivo outcomes of nanofibrous scaffolds. This Special Issue welcomes full research papers, communications, and up-to-date reviews.

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Guest Editor





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Message from the Editor-in-Chief

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