Special Issue

Advanced Biomaterials for Wound Healing

Message from the Guest Editor

Wound healing is a dynamic interactive process that involves parenchymal cells, extracellular matrix, blood cells, and soluble mediators. The three phases of wound healing are the inflammatory, proliferative, and the tissue re-modeling phases. Thus far, many researchers have been developing the studies of wound healing. Many criteria are used for the classification of wound dressings. These include classification based on the physical form of the dressing, such as gels, ointments, creams, films, and scaffolds. In fact, efficiencies of many biomaterials are indicated. More recently, nano-based biomaterials have been developing. The aim of this Special Issue is to discuss advanced, innovative, and functional biomaterials for wound healing. Research, review, and future articles, focusing on the related fields, are welcome.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama
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