Special Issue

Chitosan and Chitosan-Based Biomaterials

Message from the Guest Editor

Chitosan has been explored in regenerative medicine in various forms. It has been processed into structures using variety of techniques, such as freeze drying, electrospinning, and 3D printing. Chitosan is combined with other biomaterials for soft tissue applications or with ceramic crystals in bone regeneration. Additionally, there has been significant effort in the development of thermosensitive hydrogels. Mechanical characteristics and degradation characteristics of chitosan and their combinations are also evaluated in these structures. This Special Issue focusses on recent advances in these areas. Both original research articles or comprehensive reviews are welcome.

Guest Editor

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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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