

Special Issue

Biomaterials for Translational Medicine

Message from the Guest Editors

Translational medicine was born from the idea to convert promising scientific findings in medical application. The aim of translational medicine is to exploit experimental investigations, coming from research laboratory and clinical studies, to achieve easier prediction, prevention, diagnosis and, of course, the efficacious therapeutic treatment of a number of diseases. It is possible to consider the translational medicine as a link between basic research and clinical practice, where a certain gap still exists, making the transition “bench to bedside” a reality. In this scenario, the innovations emerging in pharmaceutical, technological, and biomedical fields are increasingly numerous and valid, thus providing translational medicine with new effective weapons to enhance and facilitate the clinical practice. The aim of this Special Issue is to discuss about innovative biomaterials (as such or following their transformation) or innovative application of biomaterials in translational medicine field. Both promising original scientific investigations and exhaustive reviews concerning this field are welcome.

Guest Editors

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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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