

Special Issue

New Advances in Biomaterials for Tissue Repair and Regeneration

Message from the Guest Editors

In the field of modern medicine, tissue repair and regeneration is a promising and crucial research direction. As the core element of this field, the development of biomaterials is of great significance for solving the problem of tissue damage repair and improving human health. From the remarkable progress of biodegradable biomedical elastomers in the regeneration of different tissues, such as nerves, tendons, muscles, hearts, and bones, to the optimization of various new biomaterials in promoting cell adhesion, proliferation, and differentiation, these achievements have brought new hope for clinical treatment. In order to further promote research and exchange in this field, we have prepared this Special Issue to comprehensively present the latest advances in biomaterials for tissue repair and regeneration. We sincerely invite you to submit your innovative achievements and insights regarding the design, synthesis, performance, research, and clinical applications of biomaterials. This Special Issue aims to bring together innovative and successful findings on recent advances within the field of biomaterials concerning tissue repair and regeneration.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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