

## Special Issue

# Researches on Biomaterials for Tissue Engineering and Tissue Regeneration

### Message from the Guest Editor

Biomaterials serve as an integral component of tissue engineering. Tissue engineering is an interdisciplinary field dedicated to the regeneration of functional human tissues. An important avenue of tissue engineering is the development of biomaterials that can promote regenerative processes by effectively transporting cell populations and therapeutic agents, as well as providing a structural scaffolding that confers sufficient mechanical properties to tissues.

This Special Issue welcomes articles that discuss advances in tissue engineering. We cordially invite authors to contribute original research articles or reviews that are focused on, but not limited to, the following:

- The use of biomaterials in burn care.
- Regenerative technologies: future trends.
- Tissue engineering and regenerative technologies in wound care.
- Biomaterials for bone and cartilage tissue engineering.
- Functional biomaterials for tissue engineering and regeneration.

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### Guest Editor

Prof. Dr. Lars-Peter Kamolz

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### Deadline for manuscript submissions

closed (31 August 2022)



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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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### Editor-in-Chief

Prof. Dr. Felipe Fregni

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