



## 10th Anniversary of *Biomedicines*—Advances in Tendon and Bone Regeneration

Guest Editors:

**Prof. Dr. Andreas Traweger**

Institute of Tendon and Bone  
Regeneration, Spinal Cord Injury  
& Tissue Regeneration Center  
Salzburg, Paracelsus Medical  
University, 5020 Salzburg, Austria

**Prof. Dr. Britt Wildemann**

Experimental Trauma Surgery,  
Universitätsklinikum Jena, Klinik  
für Unfall-, Hand- und  
Wiederherstellungschirurgie, Am  
Klinikum 1, 07747 Jena, Germany

Deadline for manuscript  
submissions:

**closed (31 May 2023)**

### Message from the Guest Editors

Injuries and degeneration of musculoskeletal tissues are generally not life-threatening diseases, but the main causes of pain, occupational disability and reduced quality of life are associated with high socio-economic costs. Therefore, elucidation of the underlying mechanisms of tissue degeneration and the development of innovative and transferable therapies to improve tissue regeneration are of great importance. This Special Issue is dedicated to the latest developments in the field of musculoskeletal degeneration and regeneration, with a focus on tendons and bone tissue. It will cover studies on the development of new preclinical models and detailed analyses of the underlying processes of tissue degeneration. The latest developments to improve musculoskeletal tissue regeneration will also be presented. We look forward to the submission of high-quality manuscripts on the topics mentioned and look forward to a very exciting Special Issue.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Felipe Fregni

1. Neuromodulation Center and  
Center for Clinical Research

Learning, Spaulding  
Rehabilitation Hospital and  
Massachusetts General Hospital,  
Harvard Medical School, Boston,  
MA 02114, USA

2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPUS / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Medicine (miscellaneous)*)

## Contact Us

*Biomedicines* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biomedicines](http://mdpi.com/journal/biomedicines)  
[biomedicines@mdpi.com](mailto:biomedicines@mdpi.com)  
[X@Biomed\\_MDPI](#)