

## Special Issue

# Musculoskeletal Injuries: Clinical, Radiological, and Biochemical Evaluation in Orthopedics

### Message from the Guest Editors

This Special Issue is focused on clinical, radiological, and biochemical evaluation in the orthopedic field, the protagonist of important changes in recent years. From robotics-assisted surgeries to 3D-printed implants, smart and wearable technology, regenerative medicine, and tissue engineering, various cutting-edge devices are revolutionizing orthopedic surgery. Considering these new directions and the importance of improving of minimally invasive, percutaneous, and nano-surgical procedures, it is vital that we evaluate clinical and radiological outcomes in treated patients. Additionally, studies focused on biochemical evaluation are welcome, as different biomarkers could be useful in diagnosing and managing an orthopedic pathology or could serve as disease predictors and prognostic factors. From this perspective, we intend for this Special Issue to collect original articles and reviews around these topics.

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### Guest Editors

Prof. Dr. Carlo Biz

Dr. Elisa Belluzzi

Prof. Dr. Pietro Ruggieri

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### Deadline for manuscript submissions

closed (31 July 2025)



## Biomedicines

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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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