

## Special Issue

# Advances in Bone Metabolism, Remodeling and Regeneration

### Message from the Guest Editor

Bone metabolism and bone regeneration are two interconnected processes that are crucial for maintaining healthy bone structure and function. Bone metabolism is a continuous, dynamic process that maintains the balance between bone formation and bone resorption. Bone regeneration is the body's natural process of healing and restoring bone tissue following injury, fracture, or surgery. Bone has a unique ability to regenerate and fully recover its original form and function. Several processes and factors influence bone metabolism and regeneration, affecting how bones are maintained, repaired, and renewed. These include hormonal regulation, nutritional status, mechanical forces, genetics, aging, medications, environmental and lifestyle factors, and systemic health conditions. This Special Issue aims to improve our understanding of new factors that influence bone metabolism and regeneration and which may also be new factors that can treat disorders of the skeletal system.

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### Guest Editor

Dr. Marek Bienko

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### Deadline for manuscript submissions

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## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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