



Biological Basis of Musculoskeletal Regeneration

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Message from the Guest Editors

Dear Colleagues,

Disabilities due to musculoskeletal disorders increased dramatically within the last few decades, and will further increase in the future. Due to the aging population and increasing recreational activities, especially for the elderly, musculoskeletal disorders are becoming one of the main reasons for seeking medical care. Hence, they represent a major personal and socioeconomic burden. Identifying the mechanisms responsible for promoting or hindering tissue regeneration is important for the development of new treatments strategies. This Special Issue will cover all aspects of molecular and cellular mechanisms of bone, cartilage, tendon/ligament, and muscle regeneration. We are inviting contributions describing novel findings based on in vitro and in vivo studies, and also welcome clinical studies employing molecular methods to address aspects of musculoskeletal regeneration. In addition, studies elucidating the interaction of musculoskeletal tissue with other tissues or cells during regeneration are of high interest for this Special Issue.

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Message from the Editor-in-Chief

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