



Biomechanics and Injury Rehabilitation

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Message from the Guest Editor

Dear Colleagues,

The rehabilitation of any human tissue after injury is influenced by a multitude of factors. Different biomechanical aspects play a major role in how well and fast we recover from injuries. Understanding shear forces that are acting on the knee joint is paramount for designing specific rehabilitation programmes which assure a good clinical outcome. Biomechanical limb exercise devices can help stroke recovery. Age and sex influence the biomechanical properties of allografts and highlight the crucial need for further knowledge on passive biomechanical properties of human tissues. This Special Issue focuses on new developments and treatment strategies in the field of biomechanics that aid human tissues to maintain, regain or enhance their physical strength after injury. In particular, we invite high-quality research articles that target the interaction between tissue structure and biomechanical function related to injury rehabilitation.

Keywords

- biomechanical properties
- biomechanics
- injury
- rehabilitation
- tissue graft





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Message from the Editor-in-Chief

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