

Special Issue

Innovative Therapies for Achilles Tendon Injuries

Message from the Guest Editors

The rupture of the Achilles tendon (AS), the strongest tendon in the human body, can end the career of athletes. AS healing is time-consuming and can lead to biomechanically inferior scar tissue and tendinopathy. Background conditions such as diabetes mellitus type 2, hormonal disbalances, treatment with local anesthetics, fluoroquinolones, etc., increase the risk of rupture and result in an inferior healing response. This Special Issue seeks the submission of novel therapeutical approaches that focus on AS cell therapy, orthobiologics, nutrients/supplements, biological implants, tailored biomechanical stimulation, etc. However, since a healthy AS does not usually tear under normal loading, the understanding of the interplay of the factors contributing to the pathogenesis of AS rupture and the insufficient healing of that tendon could also be addressed.

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Editor-in-Chief

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