# Special Issue

# Sports Biomechanics and Injury Rehabilitation

### Message from the Guest Editor

Sports biomechanics and injury rehabilitation are critical areas of biomechanics research and practice that can improve athletic performance, prevent injuries, and enhance recovery. In this Special Issue, we aim to explore the cutting-edge advances in sports biomechanics and rehabilitation, bringing together interdisciplinary perspectives from biomechanics, physiotherapy, sports science, and medical rehabilitation. This Special Issue brings together the latest research addressing both theoretical and practical applications. Topics include, but are not limited to, the following: Biomechanical analysis of sports movements: understanding how humans move to optimize performance and prevent injuries; Injury prevention strategies: using biomechanics to develop training programs that reduce injury risk; Rehabilitation techniques and innovations: integrating biomechanics into rehabilitation protocols for more effective recovery: Technological advancements: the role of wearable devices, motion capture, and other technology in enhancing both biomechanics analysis and rehabilitation strategies.

#### **Guest Editor**

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### **Deadline for manuscript submissions**

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#### Editor-in-Chief

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