

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

Dr. Yifei Yao

1. School of Biomedical Engineering, Med-X Research Institute, Shanghai Jiao Tong University, 1954 Huashan Road, Shanghai 200030, China
2. Engineering Research Center of Digital Medicine and Clinical Translation, Ministry of Education, Shanghai Jiao Tong University, 1954 Huashan Road, Shanghai 200030, China

Deadline for manuscript submissions

31 October 2025



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/241636

Bioengineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bioengineering@mdpi.com

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Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

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