

## Special Issue

# Medical Imaging in Diagnosis, Prevention and Rehabilitation of Musculoskeletal Injuries

### Message from the Guest Editors

Musculoskeletal injuries can occur due to an acute trauma or repetitive stress to the skeletal muscle, tendon, ligament, fascia and bone tissue.

Musculoskeletal impairment is the leading cause of rehabilitation in the world. The current rehabilitative intervention often ignores the impact of precision assessment using medical imaging to better understand pathophysiological progression and rehabilitation-induced remodeling of the musculoskeletal system. These medical imaging techniques can be used to address the unmet needs in musculoskeletal injury diagnosis and rehabilitation. The objective of this Special Issue is to bring together clinicians and researchers to explore the use of medical imaging in improving clinical practice in the diagnosis, prevention and rehabilitation of musculoskeletal injuries. This Special Issue also welcomes the application of medical imaging among various athletes for better training and the prevention of musculoskeletal injuries. All topics related to medical imaging in musculoskeletal injuries are welcome.

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### Guest Editors

Dr. Yih-Kuen Jan

Dr. W. Catherine Cheung

Dr. Suguna Pappu

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### Deadline for manuscript submissions

31 May 2026



## Diagnostics

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### Editor-in-Chief

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