Special Issue

Advances in Elastography for Applications in Rehabilitation, Physiotherapy, and Sports Sciences

Message from the Guest Editors

Elastography, including techniques such as shear wave elastography (SWE), has emerged as a valuable tool for quantifying tissue stiffness and mechanical properties in a non-invasive manner. This innovative imaging modality provides insights into the pathophysiology of soft tissue disorders, facilitating early detection, the monitoring of treatment efficacy, and enhanced precision in clinical decision-making. This Special Issue will gather original research articles, systematic reviews, and metanalyses that investigate the application of elastography in the following areas:

- 1. Assessing soft tissue changes in conditions such as low back pain, tendinopathies, and muscle injuries;
- Evaluating the effects of physiotherapy and rehabilitation interventions on tissue properties;
- 3. Monitoring recovery processes in sports and musculoskeletal injuries;
- Developing standardized protocols for elastography in clinical practice and sports applications;
- 5. Combining elastography with other imaging modalities to improve diagnostic precision and treatment planning.

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You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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