# **Special Issue**

# Application of Biomechanics in Functional Rehabilitation

# Message from the Guest Editors

There are numerous acute and chronic conditions that can be assessed using biomechanical analyses. Conditions, such as Parkinson's disease, joint replacements, visual impairment, cerebral palsy, peripheral neuropathy, and postural instability, are but a few physiological impairments that can be evaluated via motion capture, force production, and levels of muscle activation. The goal of this type of research is to bridge the chasm between theoretical findings and applied rehabilitation techniques. It is with this objective in mind that we are inviting colleagues to submit original research papers, topic reviews, and findings related to innovative restorative interventions for a variety of at risk populations. Interventional investigations, population comparisons, and case studies will all be considered for this Special issue of the Journal of Functional Morphology and Kinesiology relating to the "Application" of Biomechanics in Functional Rehabilitation".

## **Guest Editors**

Dr. Vincent K. Ramsey

Chair Sports Exercise Science, United States Sports Academy, One Academy Drive, Daphne, AL 36526, USA

Prof. Dr. Nigel Gleeson

School of Health Sciences, Queen Margaret University, Edinburgh, Scotland EH21 6UU, UK

### Deadline for manuscript submissions

closed (31 January 2019)



# Journal of Functional Morphology and Kinesiology

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 3.7 Indexed in PubMed



# mdpi.com/si/12690

Journal of Functional Morphology and Kinesiology Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ifmk@mdoi.com

mdpi.com/journal/ jfmk





# Journal of Functional Morphology and Kinesiology

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 3.7 Indexed in PubMed





# **About the Journal**

# Message from the Editor-in-Chief

### Editor-in-Chief

# Prof. Dr. Giuseppe Musumeci

Department of Biomedical and Biotechnological Sciences, Anatomy, Histology and Movement Sciences Section, School of Medicine, University of Catania, 95123 Catania, Italy

# **Author Benefits**

# **High Visibility:**

indexed within ESCI (Web of Science), Scopus, PubMed, PMC, FSTA, and other databases.

# Journal Rank:

JCR - Q2 (Sport Sciences) / CiteScore - Q2 (Physical Therapy, Sports Therapy and Rehabilitation)

# **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.9 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).