

## Special Issue

# Advances in Assessment and Treatment of Human Motor and Sensory Dysfunctions

### Message from the Guest Editors

Motor and sensory dysfunctions are major contributors to impaired mobility and reduced independence. These functions are closely associated with neural mechanisms and brain activity; therefore, understanding the interactions between motor, sensory, and brain functions is essential for developing effective rehabilitation strategies. Recent advances have provided new insights into motor control, sensorimotor integration, and brain function and have contributed to the improvement of methods for assessing and treating motor and sensory dysfunctions. This Special Issue aims to present advances in **mechanisms, treatment strategies, and rehabilitation approaches** related to disorders of motor, sensory, and brain functions. Topics of interest include but are not limited to:

- Assessment of motor and sensory dysfunctions
- Mechanisms of motor, sensory and brain functions
- Rehabilitation strategies for motor, sensory, and brain function disorders
- Balance and gait rehabilitation
- Virtual reality-based rehabilitation approaches
- Biomechanical and neurophysiological mechanisms underlying functional recovery
- Rehabilitation engineering approaches to restore and support human motor, sensory and brain functions

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### Guest Editors

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### Deadline for manuscript submissions

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