Special Issue

Advances in Neurorehabilitation of Movement Disorders

Message from the Guest Editors

Neurological diseases represent one of the main causes of disability. Functional impairments can lead to significant limitations in activity and participation. The goals of rehabilitation are focused on improving gait, hand function, and cognitive function. The effectiveness of rehabilitation depends on its intensity and systematicity, taking into account the disease, the patient's personality, and environmental limitations.

The stimulation of plasticity mechanisms represents a basis for restoring and relearning lost functions. Modern technologies, robotics, and bioengineering provide many tools that can support the neurorehabilitation of people with dysfunctions caused by diseases of the nervous system. Many research results indicate that intensive and repetitive rehabilitation is essential in facilitating the reacquisition or relearning of motor skills.

This Special Issue welcomes articles on rehabilitation methods, techniques, and programs involving robotics, virtual reality, and brain–computer interface-based methods. We invite you to present research results showcasing new technologies and concepts, as well as studies evaluating the effectiveness of new solutions.

Guest Editors

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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