

# Special Issue

## Symmetries/Asymmetries in Neurorehabilitation

### Message from the Guest Editor

This issue will explore the critical role of symmetry and asymmetry in assessing and treating neurorehabilitation patients, particularly those with central motor neuron diseases such as Multiple Sclerosis, Spinal Cord Injuries, and Stroke, which often present similar clinical manifestations and impairments. Key topics will include the impact of motor and sensory symmetries/asymmetries on rehabilitation outcomes, advanced diagnostic techniques for identifying symmetries/asymmetries, and the development of personalized therapeutic interventions targeting asymmetrical impairments. This Special Issue will also cover the use of advanced technologies, including robotics, exoskeletons, functional electrical stimulation, repetitive transcranial magnetic stimulation (rTMS), and virtual reality, to enhance the symmetry of patient rehabilitation. This Special Issue aims to bring together cutting-edge research and clinical practices that address the challenges and opportunities of symmetry and asymmetry in neurorehabilitation, ultimately improving patient outcomes.

### Guest Editor

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### Deadline for manuscript submissions

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## Symmetry

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## About the Journal

### Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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### Editor-in-Chief

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