

Special Issue

Balance Rehabilitation in Neurological Disorders

Message from the Guest Editors

Almost every neurological disorder requires some form of balance rehabilitation to restore or maintain balance in order to reduce fall risk and maximize independence. Recent systematic reviews and meta-analyses suggest that conventional balance interventions, while efficacious for improving clinical outcomes and reducing fall risk, might not actually reduce the incidence of falls. Further, these interventions might have a varied dose–response effect within and between neurological diagnoses. Lastly, compliance with conventional exercise-based interventions has been a challenge. The overall aim of this *Brain Sciences* Special Topic is to disseminate and discuss recent advances in the balance rehabilitation of neurological disorders, with a focus on the following subtopics:

- Emerging/alternative interventions for balance rehabilitation;
- Enhancing knowledge of dose–response for balance rehabilitation;
- Neural plasticity in relation to balance rehabilitation;
- Novel tools and tests for balance assessment and fall-risk prediction;
- Telerehabilitation and community translation of balance interventions.

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