Special Issue

New Strategies and New Rehabilitation Evaluations to Stroke–2nd Edition

Message from the Guest Editors

stroke is the leading cause of death and one of the main reasons for adult-onset disability. After a stroke, more than 80% of patients experience motor impairment that affects their daily activities and quality of life. Stroke patients need effective rehabilitation programs to achieve the highest possible level of physical autonomy. Several rehabilitation approaches are used to increase motor deficit recovery and improve their quality of life. This Special Issue aims to present a collection of studies describing the most recent advancements in the field of strategies and evaluative and rehabilitation techniques to improve motor recovery after stroke. New rehabilitation strategies and new clinical and instrumental evaluations to analyze the rehabilitation effects and monitor the evolution of therapeutic programs and the evolution of the disease in motor and neurocognitive terms. These will be very considered rehabilitative strategies that use gamified tasks to stimulate and maintain the functionality of the hands, upper limbs, lower limbs, posture, gait, and general health of the patient. Finally, manual therapy work on stroke patients will also be considered.

Guest Editors

Dr. Luca Vismara

1. Division of Neurology and Neurorehabilitation, IRCCS Istituto Auxologico Italiano, Piancavallo, 28824 Verbania, Italy
2. Department of Neurosciences "Rita Levi Montalcini", University of Turin, 10126 Turin, Italy

Dr. Veronica Cimolin

Department of Electronics, Information and Bioengineering, Politecnico di Milano, 20133 Milano, Italy

Deadline for manuscript submissions

closed (30 June 2024)

Brain Sciences

mdpi.com/si/193742

mdpi.com/journal/ brainsci

About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney
Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA 15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYNDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 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).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.