

Special Issue

Technology in Rehabilitative Interventions for Children: Challenges and Opportunities

Message from the Guest Editors

In recent years, several studies have provided evidence on the effects that the interaction between the individual and the environment can have on the organization and functioning of cortical networks, providing useful indications for the development of new rehabilitative/habilitative interventions in the field of neurodevelopmental disorders. In particular, the application of new information, cybernetic, and electromedical technologies has provided the opportunity to affect, through different mechanisms, the neuronal plasticity in a more or less direct way. Numerous studies on animal models have highlighted the impact that environmental enrichment can have on cortical organization and therefore some proposals have been developed to modify sensory, perceptual, and motor experience, according to the perspectives of embodied cognition and sensory integration. This Special Issue aims to offer an overview of evidence-based studies on the efficacy of new rehabilitation approaches addressed to children with neurodevelopmental disorders, designed to enhance the effects of learning processes through the use of new technologies.

Guest Editors

Prof. Dr. Alessandro Antonietti

Department of Psychology, Catholic University of the Sacred Heart,
Largo Gemelli 1, 20123 Milan, Italy

Dr. Daniela Traficante

Department of Psychology, Catholic University of the Sacred Heart,
20123 Milan, Italy

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Children
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
children@mdpi.com

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You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Paul R. Carney
Departments of Child Health and Neurology, University of Missouri, 400
Keene Street, Columbia, MO 65211, USA

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