Special Issue

Advancing Neurodevelopmental and Neurological Care: Innovations and Emerging Technologies

Message from the Guest Editor

Neurodevelopmental and neurological disorders encompass a wide range of conditions that pose significant challenges to individuals, families, and healthcare systems. Recent advances in technology have revolutionized care paradigms across both neurodevelopmental and neurological domains. Emerging technologies, such as artificial intelligence (AI), machine learning (ML), robotics, wearable devices, augmented reality (AR), virtual reality (VR), extended reality (XR), telemedicine, and advanced sensors, are unlocking new possibilities for personalized, accessible, and efficient care solutions. These tools not only enhance clinical precision and intervention efficacy but also pave the way for novel therapeutic avenues and community-based support systems. This Special Issue aims to bring together groundbreaking research, innovative methodologies, and critical reviews that showcase how emerging technologies are shaping the future of neurodevelopmental and neurological care.

Guest Editor

Dr. Yiannis Koumpouros

Digital Innovation in Public Health Research Lab—DigInHealth, Department of Public and Community Health, University of West Attica, 11521 Athens, Greece

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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Lorraine S. Evangelista
Sue & Bill Gross School of Nursing, University of California, Irvine, CA 92697, USA

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