Special Issue

Strategies to Repair the Brain after a Stroke

Message from the Guest Editors

The treatment of stroke has been crippled for many years by the complexity of the brain's response and promising but failed therapies. The main aim of this Special Issue is to underline the recent progress in the field of brain repair after stroke to gain a solid understanding of emerging therapies. Developments in basic neuroscience have produced various potential therapies for brain repair after a stroke such as stem-cell, glial and primary neuronal transplantation, use-dependent plasticity, trophic factors, strategies for axon regeneration, robotics, stimulation, constrained-induced physical therapy, and cognitive approaches. For this Special Issue, we particularly welcome high-quality research articles (original research papers and reviews) from human and animal models of stroke recovery so as to provide a comprehensive update of this emerging science in order to bridge the gap between basic life science research findings and the clinical perspective.

Guest Editors

Prof. Dr. Mario Valentino
Department of Physiology and Biochemistry, University of Malta, 2080 Msida, Malta

Dr. Christian Zammit
Department of Anatomy, Faculty of Medicine and Surgery, University of Malta, 2080 Msida, Malta

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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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