

Special Issue

Applications of Mesenchymal Stem Cells in Neuroscience

Message from the Guest Editors

Multipotent Mesenchymal Stem Cells (MSC) have recently become very popular in cell therapy applications due to their multifaceted properties. MSC are emerging as an extremely attractive tool due to their ability to release a proactive secretome composed of soluble factors and/or extracellular vesicles. MSC offer practical advantages for clinical applications because they can be isolated from adults with minimally invasive procedures. Applications of MSC or their by-products are now studied for the treatment of many neurological disorders, including neurodegenerative and traumatic conditions for which there is no ideal cure to date. The purpose of this Special Issue is to provide an overview of the current status of MSC application in neurological conditions and to delineate the current foundations for possible future applications in this field.

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