

## Special Issue

# The Role of Stem Cell in Neurodegenerative Diseases

### Message from the Guest Editor

Stem cell therapy has revolutionized the field of medicine over the past few decades. Stem cells have been proven to be invaluable in the treatment of numerous diseases affecting various organs in the human body. The list of therapeutic applications of stem cells in clinical practice continues to expand steadily over the years. At a molecular level, there are many parallels among the different forms of neurodegenerative diseases. Unfortunately, among the current available treatment options, neither pharmacological nor neurosurgical ones are efficient in arresting the progression of the neurodegenerative processes. Stem cell therapy, on the other hand, enables regeneration of neural tissue, which ameliorates neurodegeneration occurring at different levels of neuronal circuitry. We invite you to submit novel research about molecular and cellular mechanisms involving stem cells in neurodegenerative diseases.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 January 2025)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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