Neurodegenerative Diseases and Intellectual Disabilities: From Molecular Basis to Therapy

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Uncovering the specific/common mechanisms underlying the disruption pathways among neurodegenerative diseases (ND) is critical to both basic and applied neuroscience. These findings will contribute to the emergence of the neural system secrets underlying not only our perception, emotion, and cognition under the physiological condition with which we think, act, and react but also highlighting pathological perturbations of neural connectomic networks observed in most well-known major ND displaying impairment in memory and cognition, such as Alzheimer (AD)/Huntington (HD)/amyotrophic lateral sclerosis (ALS)/Creutzfeldt–Jakob diseases (CJD) and Parkinson (PK)/ diseases. Although what causes ND is not fully understand, the accumulation of misfolded/aggregated proteins in the brains is a pathological characteristic of ND. Presently, ND gene therapies remain unidimensional, elusive, and limited by the tendency to address one pathological feature while ignoring others.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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