

Special Issue

CNS Drug Action in Neurodegenerative Diseases 3.0

Message from the Guest Editor

Amyotrophic lateral sclerosis, multiple sclerosis, Alzheimer's, and Parkinson's disease are neurodegenerative diseases of the central nervous system, which represent a major socioeconomic burden to society. All of these diseases are similar in that their etiology is still unclear and there are different theories on their pathogenesis. While most drugs that are approved to treat neurodegeneration are able to reduce clinical symptoms and slow down disease progression, they cannot cure the disease. In addition, the availability of suitable biomarkers that could predict treatment success is very limited, so that patient-oriented therapy has remained a future goal. Yet, intensive research is ongoing to eventually unravel the mechanisms underlying neurodegeneration and central nervous system repair. This open-access Special Issue will bring together original research and review articles on the mode of action of different drugs that were designed to limit neurodegeneration, support neuroprotection, and/or to promote neural repair, highlighting what has already been achieved.

Guest Editor

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