



Novel Mechanistic Insights into Motor and Neuropsychiatric Symptoms of Parkinson's Disease

Guest Editor:

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submissions:
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Message from the Guest Editor

This topic evolved during studies of locus coeruleus—the major hub of norepinephrine projection to various brain regions, including the nigrostriatal system—which is strongly affected in Parkinson's disease. This Special Issue will focus on elucidation of the broad spectrum of underlying mechanisms of motor and neuropsychiatric symptoms of Parkinson's disease. The scope may also include recently developed treatment approaches for presented malfunctions in Parkinson's disease, for example, the use of imaging techniques, e.g., X-ray diffraction; quantitative susceptibility mapping (QSM); X-ray fluorescence microscopy (XFM); cell type-specific techniques, e.g., optogenetics; deep brain stimulation (DBS); stem cell-based neural organoid culture; protein interaction networks; single-cell sequencing; and others. We seek papers which deliver novel insights into the mechanisms of Parkinson's disease which contributing to the broad and versatile spectrum of observed motor and neuropsychiatric symptoms, such as involved pathways, neuronal circuits, regional cell death, neurotransmitter imbalance as well as aberrations in proteins and their interactions.





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Message from the Editor-in-Chief

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