Special Issue

Protein Aggregations and Parkinson's Disease Pathogenesis, Progression and Treatments

Message from the Guest Editor

The number of patients living with Parkinson's disease (PD) has been estimated at over 6 million. Protein aggregates are detected in both familial and sporadic forms of PD and include oligomers and fibrils of □-synuclein within Lewy bodies. Protein oligomers and aggregates can be neurotoxic and trigger neuronal death and loss of function; hence, therapies directed towards limiting aberrant protein aggregation are emerging as potential disease treatments. In this Special Issue, we want to bring together research articles and reviews that are focused on the proteins that form aggregates in PD, papers that cover the molecular triggers for aggregation such as protein post-translational modifications, the potential consequences of protein aggregation and how that contributes to disease pathogenesis and/or progression, and finally, studies that consider reducing the propensity of proteins to aggregate as a strategy to combat disease.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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