

## Special Issue

# Protein Aggregation and Proteinopathies

### Message from the Guest Editor

The hallmark of some neurodegenerative diseases is the aggregation of abnormal proteins and the formation of inclusion bodies in neural cells. This Special Issue focuses on the mechanism of protein misfolding, amyloidogenic aggregation and sequestration, and phase transition of the disease-related proteins. The topics included in this Special Issue are as follows:

- Mechanism of protein misfolding, aggregation and inclusion formation, phase transition, and their cellular effects;
- Amyloidogenic disease-related proteins, especially polyglutamine proteins and RNA-binding proteins;
- Sequestration of cellular essential proteins by the protein aggregates, and its pathological consequences;
- Proteostasis network of the amyloidogenic proteins associated with proteinopathies;
- Protein co-aggregation and co-pathologies;
- Structural basis for and functional annotation of protein aggregation and sequestration.

### Guest Editor

Prof. Dr. Hongyu Hu

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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