Special Issue

Proteinopathies in Frontotemporal Lobar Degeneration

Message from the Guest Editor

This Special Issue is dedicated to the study of the molecular underpinnings of clinical variants of the frontotemporal lobar degeneration (FTLD) spectrum and will publish a collection of original studies or review articles related to this topic. In contrast to the relative pathological homogeneity of other neurodegenerative diseases (e.g., Alzheimer's disease or Parkinson's disease), FTLD variants have been associated with a variety of underlying proteinopathies, including tau, TDP-43 and FUS. The influence of the genetic background, brain network architecture and neurochemical microstructural environment over such diverging pathways of neurodegeneration is an area of intense research and the topic of the present issue. The continued identification of pathogenically relevant genes, genotype–phenotype correlations and novel approaches that may provide accurate, early diagnostic biomarkers, even in the presymptomatic stages of FTLD disorders, will be addressed. Only translational studies in human subjects will be accepted, in order to highlight the potential development and implementation of therapeutic strategies in this heterogeneous group of diseases.

Guest Editor

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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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