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Proteinopathies in Frontotemporal Lobar Degeneration

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2022)

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.

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Message from the Editor-in-Chief

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