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Understanding TDP-43-Mediated Mechanisms in Frontotemporal Dementia and Amyotrophic Lateral Sclerosis

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

Frontotemporal dementia (FTD) and amyotrophic lateral sclerosis (ALS) are rapidly progressing fatal neurodegenerative diseases with no effective treatments. FTD and ALS are part of a disease continuum and share a neuropathology containing cytoplasmic inclusions of the TAR DNA-binding protein 43 (TDP-43) which is found in >90% of ALS and ~50% of FTD cases. This strongly suggests the pivotal role that TDP-43 plays in disease pathology. Understanding the physiological and pathological role of TDP-43 in disease initiation and progression will aid us in identifying alternative treatment options.

This Special Issue, "Understanding TDP-43-Mediated Mechanisms in Frontotemporal Dementia and Amyotrophic Lateral Sclerosis", will cover a wide selection of research topics and review articles in the field of FTD and ALS, looking at various aspects of TDP-43's role in disease with a special focus on TDP-43-mediated mechanisms. Original research articles, reviews, commentaries, and perspectives are all welcomed.

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Editor-in-Chief

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Message from the Editor-in-Chief

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