

## Special Issue

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

### Message from the Guest Editors

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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### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2021)



## International Journal of Molecular Sciences

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