

Special Issue

Understanding and Treating Amyotrophic Lateral Sclerosis and Related Motor Neuron Diseases

Message from the Guest Editor

Our understanding of the pathophysiology of amyotrophic lateral sclerosis (ALS) and its related motor neuron diseases has progressed dramatically in recent years. We need to better understand the complexity of these diseases, i.e., describe the molecular mechanisms involved at different stages; identify overlaps between these pathologies or with other pathologies; search for new, robust biomarkers and link them to clinical heterogeneity, disease progression, and response to therapeutic approaches; intensify research on the causes of ALS/MND, which are still unknown in the majority of patients; determine new mutations, genetic factors (causal, risk, progression), and epigenetics factors, etc.; better study the roles played by the various cell types in the motor neuron environment; and better characterize existing and new in vitro and in vivo study models. This Special Issue invites manuscript submissions that address these and any other questions that will help to better understand ALS/MND at the molecular level.

Guest Editor

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