

Special Issue

Mechanistic and Therapeutic Crosstalk across Neurodegenerative Diseases: What Can We Learn from Each Other?

Message from the Guest Editor

The last decade has seen tremendous advancements in uncovering novel pathological mechanisms and developing new therapeutic tools and strategies in the field of neurodegenerative diseases, which include, but are not limited to, spinal muscular atrophy, amyotrophic lateral sclerosis, multiple sclerosis, Huntington's disease, Alzheimer's disease, Parkinson's disease, ataxia and spinal and bulbar muscular atrophy. While these pathologies are genetically distinct and for the most part display specific pathological hallmarks, accumulating evidence suggests that similar mechanistic perturbations can occur in two or more of these diseases and that treatment strategies developed for one disorder can have broader implications for other neurodegenerative diseases. This Special Issue will highlight these similarities ranging from histological features, molecular pathways, tissue/cell dysfunctions, diagnostic methods, biomarkers and therapeutic developments.

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