

Special Issue

Molecular Mechanism in Multiple Sclerosis and Related Disorders

Message from the Guest Editors

Immune mediated inflammatory demyelinating central nervous disease include multiple sclerosis (MS), neuromyelitis optica spectrum disorder (NMOSDs), anti Myelin Oligodendrocytes Antibody Associated Disease (MOGAD), and some other rare disorders. The aim of this special issue is to explore mechanistic aspects of these disorders which are now better defined. Nevertheless there are still a number of unresolved issues. A special focus will be on pathways underlying the neurodegenerative phase of MS, the role of innate immune cells, of persistent demyelination and of iron toxicity. We are also interested to collect contributions in the area of body fluid, imaging and functional biomarkers connected with specific pathophysiological mechanisms and activity and stages of the disease. Very welcome are contributions on animal models of these disorders, including models of demyelination/remyelination. Finally new disease modifying treatments for MS and related disorders, both with an antiinflammatory profile and neuroprotective mode of action are under the scope of this special issue.

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