

Special Issue

Immunomodulation and Immunotherapy in Neurological Disorders

Message from the Guest Editors

Elucidating the interaction between the immune system and the central and peripheral nervous system, as well as clarifying the role of B and T lymphocytes and of autoantibodies in the pathophysiology of immune-mediated diseases of the nervous system, has contributed to optimal therapeutic algorithms being established for these diseases. From this perspective, demyelination of the central nervous system—either as a manifestation of systemic autoimmune diseases, or in the context of anti-NMO or anti-MOG autoantibody positivity—demonstrates favorable clinical outcomes following the implementation of optimal immunomodulatory therapeutic strategies. Furthermore, diseases induced by antibodies such as myasthenia gravis or other immune-mediated diseases of the central nervous system or peripheral nervous system respond dramatically to immunotherapy, leading to significant clinical improvement. The aim of the Special Issue is to provide original research, reviews, and case series aimed at highlighting the role of immunomodulation and immunotherapy in the treatment and outcomes of immune-mediated disorders of the central and peripheral nervous systems.

Guest Editors

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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