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Immunomodulation and Immunotherapy in Neurological Disorders

Guest Editors:

Dr. Maria Eleptheria Evangelopoulos
First Department of Neurology, National and Kapodistrian University of Athens, Aeginition Hospital, Athens, Greece

Dr. Lara Diem
Department of Neurology, Inselspital, University Hospital of Bern, University of Bern, Bern, Switzerland

Deadline for manuscript submissions:
closed (31 March 2023)

Message from the Guest Editors

Dear Colleagues,

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.

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Editor-in-Chief

Prof. Dr. Stephen D. Meriney
Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

Message from the Editor-in-Chief

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Contact Us

Brain Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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