

Special Issue

Autoimmunity in the Nervous Systems: Multiple Sclerosis and Beyond

Message from the Guest Editors

The term “Autoimmunity” describes the loss of immunological tolerance (central or peripheral) that allows to recognize its own cells and tissues as “self”; in humans, this leads to aberrant immune responses directed against healthy tissues and/or cells or cell components, resulting in diseases that may involve local (organ-specific, e.g. the central and/or peripheral nervous system) or systemic reactions. In this Special Issue we aim to provide the whole picture of autoimmunity from a broad perspective, starting from the general molecular mechanisms and the novel hypotheses on its multifactorial background, to other more practical perspectives, such as the identification of potential biomarkers of the immune status associated with a given disease. Particular interest will be addressed to novel and original data reporting significant sex differences in the autoimmune pathogenic mechanisms of the most known neurological diseases.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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