

## Special Issue

# Autonomic Dysfunction in Neurological Disorders: Novel Mechanisms and Targets

### Message from the Guest Editors

The dysfunction of the autonomic nervous system is associated with many neurological diseases as a consequence or causality of primary diseases. Studies have been carried out to determine the mechanisms of dysautonomia in neurological disorders such as Alzheimer's disease, Parkinson's disease, depression, and neurogenic hypertension. In addition, dysautonomia also importantly contributes to metabolic diseases, such as diabetes, obesity, and metabolic syndrome, because it may lead to insulin resistance, altered lipid metabolism, and hypertension in metabolic syndrome. However, the role of autonomic dysfunction in creating or maintaining the pathology of neurological diseases is not still completely understood. This Special Issue invites investigators to contribute original research articles and review articles that will help us understand the novel mechanisms of autonomic dysfunction in neurological diseases. Potential topics include, but are not limited to, the following: autonomic dysfunction in neurological disorders; dysautonomia in insulin resistance in metabolic diseases; and dysautonomia in response to external environmental changes.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2025)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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