

## Special Issue

# Understanding Diseases Affecting the Central Nervous System

### Message from the Guest Editors

Understanding the intricacies of the varied diseases that affect the central nervous system (CNS) could undoubtedly enable their more effective management. This goal can be achieved through a multidisciplinary approach exploring the intricate interplay between biological, genetic, environmental, and lifestyle factors contributing to CNS disorders. This Special Issue will cover the mechanisms underlying CNS diseases, identifying novel therapeutic strategies and diagnostic biomarkers. Thus, we invite studies that investigate the molecular pathways involved in CNS pathology, assess the efficacy of emerging treatments, explore potential biomarkers for early detection and monitoring, and examine the impacts of lifestyle interventions on disease progression and management. Additionally, studies of the role of neuroinflammation, neuronal plasticity, and neurodegeneration in CNS disorders, as well as investigations into personalized medicine approaches and the development of innovative diagnostic tools, are requested, as these studies help to advance our understanding and management of these complex conditions.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 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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