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State-of-the-Art Neurophysiology and Biochemistry of Brain Diseases in Europe

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Deadline for manuscript submissions:

closed (31 May 2023)

Message from the Guest Editors

We are pleased to announce a volume dedicated to the state of the art in the biochemistry and pathophysiology of the brain.

The medical, social, and economic impact of age-related neurodegenerative diseases is immense, and is increasing rapidly as life expectancy is extended and the average age of the population shifts upward. These disorders, which include Alzheimer's disease, Parkinson's disease, prion diseases and amyotrophic lateral sclerosis, are due to the misfolding and aggregation of key brain proteins. Multiple sclerosis is another chronic neurological condition that is the subject of intensive research. All these disorders are related to perturbations in key cellular and molecular pathways, including those related to protein folding and degradation, neuronal plasticity, and inflammation. Recently, emerging and novel biomarkers have been identified and validated, and have had a huge impact on patients' outcomes and improved the treatment landscape. We cordially invite experts in the field to submit original research or review articles pertaining to this important and fast-progressing field of biomedicine.



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Message from the Editor-in-Chief

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