Special Issue

Cerebrospinal Fluid Biomarkers in Dementia Disorders

Message from the Guest Editor

Alzheimer's disease and most other neurodegenerative dementia disorders are currently viewed as proteinopathies, being characterized by the aggregation of one or more protein(s) or peptides. Some of these proteins and peptides, including tau, phospho-tau, amyloid-beta, alpha-synuclein, and TDP-43, can be detected and quantified in the cerebrospinal fluid, an important means for the diagnostic workup of dementia disorders and the interpretation of underlying biochemical mechanisms. Furthermore, Alzheimer's disease (and probably other cognitive disorders) is considered as a neurobiological continuum, regardless of its clinical presentation. Thus, biomarkers may be helpful not only at the dementia stage but also across all stages of the disease(s), including the predementia symptomatic stage (mild cognitive impairment) and the preclinical stage, also contributing to early diagnosis and correct classification of subjects enrolled in clinical trials and receiving emerging, disease-modifying treatments. The upcoming Special Issue will highlight the most recent advances in the use of cerebrospinal fluid biomarkers for the diagnosis and understanding of dementing disorders.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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