

Special Issue

Molecular Mechanisms of Dementia—Application to Its Biomarkers

Message from the Guest Editors

Recently, the molecular mechanisms of dementia are gradually becoming clearer. Among them, for Alzheimer's disease (AD), the "amyloid cascade hypothesis" has been proposed and has been supported by many researchers. Based on this hypothesis, diagnostic biomarkers for AD have been established. The main ones are amyloid PET and the measurement of A β 40, A β 42, and phosphorylated tau in cerebrospinal fluid (CSF). In this Special Issue, we would like to introduce the molecular mechanisms of dementia, including the "amyloid cascade hypothesis," and introduce their application to biomarkers of dementia.

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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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