



## Molecular Mechanisms of Dementia—Application to Its Biomarkers

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### 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 $\beta$ 40, A $\beta$ 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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