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Advances in Research on Brain Health and Dementia: Prevention and Early Detection of Cognitive Decline and Dementia

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Message from the Guest Editors

Dementia is an urgent problem around the world, and preventive interventions and the early detection of dementia are critical for overcoming it. This Special Issue of *Brain Sciences* aims to present a collection of studies detailing the most recent advancements in the field of research on brain health and dementia. Authors are invited to submit cutting-edge research and reviews that address a broad range of topics related to brain health and dementia, including (but not limited to) the following:

- The epidemiology of dementia prevention (e.g., risk and protective factors, the relationship between dementia and frailty, etc.);
- The maintenance of brain health using various interventions (e.g., physical activity, nutritional and cognitive interventions, etc.);
- The early detection and diagnosis of cognitive decline and dementia using various techniques (e.g., electrophysiological and neuroimaging techniques, sensing technology, other new technologies, etc.)

In particular, we aim to present advances in the research on brain health and dementia that may have a significant translational effect to the field of clinical services.



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Message from the Editor-in-Chief

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Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).

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