

## Special Issue

# Dementia and Cognitive Decline in Aging

### Message from the Guest Editor

Dementia and cognitive impairment represent some of the most pressing challenges in aging populations worldwide. Despite decades of research, the underlying mechanisms are not wholly understood, and effective treatments are limited. This Special Issue seeks to consolidate current knowledge and foster new insights into the biological, psychological, and social factors for dementia and cognitive aging. We welcome contributions that explore both normal and pathological aging, with particular emphasis on early detection, prevention, and therapeutic innovation. Submissions that leverage emerging technologies and methodologies are encouraged, including the following:

- Neuroimaging and biomarker discovery;
- Modifiable risk factors;
- Artificial intelligence in diagnosis and prediction;
- Longitudinal and cross-cultural studies of aging.

We invite submissions in the following formats:

- Original research articles;
- Systematic reviews and meta-analyses;
- Clinical studies on diagnosis, treatment, and care strategies;
- Theoretical and conceptual papers proposing new models or frameworks;
- Interdisciplinary studies that integrate neuroscience, psychology, public health, and social science perspectives.

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### Guest Editor

Dr. Yvonne Leung

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2. School of Behavioural and Health Sciences, Australian Catholic University, Strathfield Campus, Strathfield, NSW 2135, Australia

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### Deadline for manuscript submissions

5 November 2026



## Brain Sciences

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## About the Journal

### Message from the Editor-in-Chief

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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### Editor-in-Chief

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