

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.

Guest Editor

Dr. Yvonne Leung

1. School of Psychology, University of New South Wales, Sydney, NSW 2052, Australia
2. School of Behavioural and Health Sciences, Australian Catholic University, Strathfield Campus, Strathfield, NSW 2135, Australia

Deadline for manuscript submissions

31 March 2026



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/247898

Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

[mdpi.com/journal/
brainsci](https://mdpi.com/journal/brainsci)





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
brainsci](https://mdpi.com/journal/brainsci)



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.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.