



Genetic Mechanisms of Alzheimer's Disease

Guest Editor:

Dr. Rebecca Sims

Division of Psychological
Medicine and Clinical
Neuroscience, Cardiff University,
Cardiff, UK

Deadline for manuscript
submissions:

closed (10 February 2021)

Message from the Guest Editor

Dear Colleagues,

Alzheimer's disease (AD) is the most common form of dementia, accounting for close to 70% of all cases. Genes are known to play a strong role in AD, explaining 58–100% of disease variance, with *APP*, *PSEN1*, *PSEN2*, and *APOE* exhibiting large effects on disease, and the remaining common and rare risk loci having smaller, cumulative effects on disease risk.

The present Issue combines primary research studies as well as expert perspectives and reviews that encompass the diverse work of the Alzheimer's genetics field, and considers the interplay of genetics with other disease risk factors and processes. We look towards the future of Alzheimer's genetics, considering sex- and ethnicity-specific risk as well as epistasis and gene–environment interactions and the impact of genetics on disease prevention, diagnosis, progression, and treatment.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, CAPus / SciFinder, and other databases.

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).

Contact Us

Brain Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/brainsci
brainsci@mdpi.com
[X@BrainSci_MDPI](https://twitter.com/BrainSci_MDPI)