

Special Issue

Genetic Mechanisms of Alzheimer's Disease

Message from the Guest Editor

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.

Guest Editor

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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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