Molecular Biomarkers in Alzheimer's Disease

Guest Editor:

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Message from the Guest Editor

Alzheimer's disease (AD) is a leading cause of death without effective treatments available. Biomarker studies are essential for the identification of a robust strategy for developing effective prevention, accurate diagnosis, and novel treatments for mild cognitive impairment (MCI), Alzheimer's disease, and Alzheimer's-disease-related dementias (ADRDs). The suitable topics for this Special Issue include but are not limited to:

Genetic, transcriptomic, and epigenetic variants, eQTL, QTL, pathways, or gene networks associated with the risk or rate of progression of ADRD.

Genomic, proteomic or multi-omic analysis of blood-based, CSF-based, or vascular biomarkers of neuroinflammation, neurodegeneration and risk of MCI or ADRD.

Gene–environment and gene–lifestyle factor interactions and the prevention of neurodegeneration, MCI, or ADRD.

Biomarkers of chronic mental-health disorders or sleep disorders for the risk of MCI or ADRD.

Biomarkers or polygenic models for the prevention and treatment of MCI or ADRD.

Biomarkers of longevity, normal aging, and age at onset of MCI or ADRD.

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Special Issue

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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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