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Genetics and Genomics of Aging and Dementia

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Deadline for manuscript submissions:

closed (20 October 2023)

Message from the Guest Editors

The study of genetic information on the biological mechanisms involved in cognitive decline has become increasingly relevant and received much attention in recent years.

Dementia is characterized by severe memory loss and cognitive impairment, resulting in complete dependency and reduced life expectancy. Genetic studies have shown us that some genetic variants have linked both haplogroups and mitochondrial variants with the development of aging and the chronic diseases that characterize it, such as dementia. In addition to some polymorphisms, mutations, and haplogroups, there is another risk factor that plays an important role in the regulation, development, and prognosis of chronic-degenerative diseases such as Alzheimer's and other dementias.

In this Special Issue, we would like to invite submissions of original research or review articles on topics relevant to "Genetics and Genomics of Aging and Dementia". We hope to contribute to the knowledge of the genetic mechanisms involved in aging that trigger cognitive decline and lead us to dementia to propose new therapeutic strategies that allow maintaining the functionality of populations.



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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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