



Research in Progression of Alzheimer's Disease and Atherosclerosis

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Fifty million people worldwide are living with dementia, and this number will more than triple to 152 million by 2050. Although the understanding of the neurobiology and pathogenesis of Alzheimer's disease (AD) has recently been greatly increased, only a few symptomatic treatments are currently available, and no curative treatment has been developed. Thus, parallel to the effort towards the development of drugs for the treatment of AD, efforts to develop preventive therapeutic strategies have been extensively investigated and implemented.

Recent studies discovered a possible common pathogenic background for AD and atherosclerosis. This includes apolipoprotein-E (ApoE). ApoE is protective against atherosclerosis and lipid plaque formation in the aorta by accepting remnant lipoproteins and promoting their uptake into the liver for clearance. Evidence indicates that people with the apoE4 allele are susceptible to late-onset AD.

This Special Issue will focus on advances in the field of AD and atherosclerosis. Studies that could shed light on the pathogenesis, development of drugs, diagnosis, and prognosis of AD and atherosclerosis are welcome.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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