



## Recent Advances in Brain Aging and Dementia

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

One of the biggest challenges associated with the aging population is dementia. The World Alzheimer reported that the number of people living with dementia could triple to 132 million worldwide by 2050. Dementia, particularly Alzheimer's disease (AD), is a growing pandemic that presents profound challenges to healthcare systems, families, and societies worldwide. Brain aging is associated with patterns of functional and structural changes. To reduce the risk of dementia in the future, there is an immediate need for interventions that target the disease process from its earliest stages. Research programs are increasingly focusing on midlife as a critical period for the beginning of AD-related pathology. However, early disease process indicators in asymptomatic individuals are still poorly understood. In this Special Issue, we welcome reviews, short communications, and original research articles highlighting the molecular and cellular mechanisms and therapeutic strategies for brain aging and dementia.

Dr. Nasrollah Moradikor

*Guest Editor*

