



## Alzheimer Disease: Controversies in Basic Science Research, Different Theories, and Reasons for Failed Trials

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### Message from the Guest Editor

Dear Colleagues,

AD is a predominant, devastating, progressive chronic disease that begins as episodic memory lapses and progresses to changes in mood and personality and a decline of mental capacities. AD typically afflicts patients in their eighth or ninth decade of life, and its incidence rises steeply after 65 years of age. The global statistics on AD prevalence are ominous, and the 2018 cost of care is projected to be billions in the US alone. The emotional and spiritual costs to any family of a patient with dementia are immeasurable and irrecompensable. Such forbidding statistics has established AD as a profoundly disconcerting and very costly global health crisis.

The aims of this Special Issue are to 1) highlight controversies or shortcomings of basic scientific research into AD so to help refocus research endeavours tackling AD; 2) collect reviews or original research articles that would potentially link the various theories on the aetiology and pathogenesis of AD and provide potentially unifying theories; and 3) collect analyses or discussions of the various reasons why so many clinical trials based on predominant theories of AD have failed so far.





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## Message from the Editor-in-Chief

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