

## Special Issue

# Therapeutic Role of Different Enzymes and Inhibitors in Alzheimer's Disease Management

### Message from the Guest Editor

Alzheimer's disease (AD) is a predominant neurodegenerative disorder and the principal cause of dementia, affecting a large population worldwide. Therefore, it is fundamental to seek new strategies for AD therapy for the adult population. In this regard, natural and synthetic compounds and peptides are being currently used as therapeutic agents. The different target enzymes, such as acetylcholinesterase (AChE), butyrylcholinesterase (BuChE), monoamine oxidases (MAO),  $\gamma$ -secretase, and  $\beta$ -secretase, are the key enzymes responsible for the development of AD. Currently, natural compounds are being utilized extensively with no or minimum toxicity against these targets for the effective management of AD.

This Special Issue aims to provide an overview of recent studies focused on innovative approaches to treat AD by targeting these enzymes with the help of molecules and drugs as candidates for developing anti-AD drugs.

Original papers, short communications, and review articles in this Special Issue may cover multidisciplinary aspects related to in silico, in vitro, and in vivo experiments.

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### Guest Editor

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### Deadline for manuscript submissions

closed (15 December 2022)



## Pharmaceuticals

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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