

## Special Issue

# Molecular Insights into Drug Development for Alzheimer's Disease

### Message from the Guest Editors

Current drug treatments for Alzheimer's disease are very limited, with only four inhibitors of neurotransmitters on the market to relieve the symptoms of the condition. With the failure of a number of monoclonal antibodies targeting A $\beta$  over the past decades, the first monoclonal antibody, Lecanemab (Aduhelm®), was approved by the FDA in 2022, albeit it is continuing to undergo phase III clinical trials. Therefore, the discovery and development of novel disease-modifying drugs for the treatment of Alzheimer's disease is a hugely unmet clinical need. We warmly welcome contributions on the latest developments in the following topics: novel drug target and validation, the discovery and development of novel drug candidates, including small molecules and biologics, drug repurposing, gene therapy, advanced drug delivery systems, and pre-clinical models for drug evaluation. The Special Issue calls for original research, reviews, and short communications that address the progress and identify any knowledge gap at a molecular level in the drug development of Alzheimer's disease.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2023)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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