



New Discoveries in Drug Targets and Delivery for Alzheimer's Disease

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Message from the Guest Editors

Dear Colleagues,

Alzheimer's Disease, the most common cause of dementia, affects over 40 million people worldwide. The situation is expected to intensify in the coming years, with devastating social and economic effects. Despite intensive clinical research efforts, there are currently no treatments or effective preventive strategies for AD. In fact, FDA-approved drugs only relieve symptoms. The main reasons for AD treatment's failure are the multifactorial and heterogeneous physiopathological mechanisms of the disease, erroneous selection of drug targets, lack of relevant animal models, and obstacles in drug delivery into the brain due to the high selectivity of the blood–brain barrier, which limits the access of therapeutic agents into the central nervous system.

Therefore, this Special Issue aims to collect original research articles and reviews with the most relevant and innovative findings in the field of AD. Manuscripts dealing with new targets and therapeutic strategies, pharmaceutical formulations, and drug delivery systems as well as relevant models used for the development of effective AD treatments are of great interest.





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