Special Issue

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

Message from the Guest Editors

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.

Guest Editors

Dr. Elena Puris

Department of Pharmaceutical Technology and Biopharmacy, Institute of Pharmacy and Molecular Biotechnology, University of Heidelberg, Im Neuenheimer Feld 329, D-69120 Heidelberg, Germany

Dr. Sabrina Petralla

Department of Pharmaceutical Technology and Biopharmacy, Institute of Pharmacy and Molecular Biotechnology, University of Heidelberg, Im Neuenheimer Feld 329, D-69120 Heidelberg, Germany

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Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

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