Special Issue

Pathophysiology of Alzheimer and the Drug Pipeline

Message from the Guest Editors

Drug development for Alzheimer's disease is currently one of the major biomedical challenges worldwide. In recent years, the amount of knowledge accumulated concerning the pathophysiology of the disease but also the means to diagnose or prognosticate it has grown steadily and exponentially. Only therapeutic research remains insufficiently fruitful to date. In this Special Issue of IJMS, we will study advances concerning the pathophysiological aspects of the disease and how, little by little, they lead to an optimization of the therapeutic research pipeline. We will tackle subjects as varied as the conceptualization of Alzheimer's disease on the ontological level, which should allow refining the targeting of procedures with therapeutic aims, as well as advances in neuropathology which show us the concept of comorbidity in a new light and allow going beyond the misleading concept of "unique" disease. Finally, we will study the flourishing field of biomarkers of Alzheimer's disease and related diseases that will eventually allow accessing a precise map of the etiology of cognitive decline according to the paradigm of personalized medicine.

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Deadline for manuscript submissions

closed (28 February 2021)

MDPI

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Message from the Editor-in-Chief

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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