

## Special Issue

# Molecular Pathways and Genetics in Neurodevelopmental Disorders

### Message from the Guest Editors

Recent evidence showing that b-amyloid precursor protein (APP) abeta blockers can reduce the progression of Alzheimer's Disease (AD) has inspired renewed interest in the role of APP in neurodevelopmental disorders. Certainly, APP must serve other purposes than to simply contribute to AD. Indeed, besides promoting neurogenesis and neuron viability, APP has been linked to pediatric disorders including autism spectrum disorders, and to largely single-gene syndromes (e.g., Fragile X, Down, Angelman and Rett). The aim of this Special Issue, "The Role of Amyloid in Neurodevelopmental Disorders", is to synthesize knowledge about APP's molecular influence on neurodevelopment and APP's role when neurodevelopment goes awry. Special attention will be paid to potential targets for therapy strategies and pharmacological intervention. We warmly welcome original research and review articles using either human samples or animal models of disorders.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 November 2024)



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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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### Editor-in-Chief

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