

Special Issue

Molecular Research on Ataxia

Message from the Guest Editor

Ataxias are a clinically and genetically heterogeneous group of neurodegenerative disorders characterized by the progressive impairment of motor coordination. While their clinical diagnosis has improved, the molecular underpinnings of many ataxias remain incompletely understood. Recent advances in molecular biology, genomics, transcriptomics, and epigenetics are providing unprecedented insights into the pathogenesis of ataxias. This Special Issue, “Molecular Research on Ataxia”, aims to gather original research and comprehensive reviews focused on understanding the molecular mechanisms underlying inherited and sporadic ataxias. Topics of interest include gene discovery, repeat expansion disorders, molecular disease pathways, RNA and protein biomarkers, epigenetic modifications, and the development of molecular as well as cellular models. We also encourage submissions exploring emerging therapeutic strategies, including antisense oligonucleotides, gene editing, and pharmacological approaches targeting disease-modifying pathways.

Guest Editor

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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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