

Special Issue

The Various Molecular Mechanisms Underlying Autism Spectrum Disorders

Message from the Guest Editor

Autism is a developmental disorder of the central nervous system. Cases are diagnosed on the basis of psychological/behavioral tests and the myriad of different characteristics has led to coin the term: autism spectrum disorder or ASD. From pure autistic cases to pure Asperger cases there are a gradation of symptoms and behavioral cognition deficits. Being evident that genetic causes may be searched for, autism may, overall, be considered idiopathic. As of today the expectations due to exome sequencing are not met, i.e. no successful therapy is yet based on results from nucleic acid sequencing. Remarkably, blood or urine tests are rarely used to complement clinical information or to refine diagnosis. This is puzzling as almost any other disease relies on biochemical parameters for diagnosis establishment or confirmation. Therefore, this Special Topic aims at promoting a debate on various levels; i) exome versus intronome, ii) genome versus epigenome and, last but not least, iii) the convenience or not of determining biochemical parameters in body fluids for the diagnosis and therapy of ASD and for stratification of ASD cases.

Deadline for manuscript submissions

closed (31 October 2021)



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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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