International Journal of
Molecular Sciences

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The Various Molecular Mechanisms Underlying Autism Spectrum Disorders

Guest Editor:

Deadline for manuscript submissions:
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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 succesful 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 introme, 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.

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Message from the Editor-in-Chief

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