

Special Issue

Molecular Research on Rett Syndrome and Related Disorders

Message from the Guest Editor

Rett Syndrome (RTT) is a serious lifelong neurodevelopmental disorder mainly caused by mutations in the methyl-CpG-binding protein 2 gene (MECP2; OMI#300005). However, many atypical cases of Rett syndrome have been associated with mutations in other genes, such as the X-linked cyclin-dependent kinase-like 5 (CDKL5; OMIM #300203) or the Forkhead box G1 (FOXP1; OMIM #164874). In addition, in recent years, more genes have been related to the RTT-like phenotype, and some of these genes have also been identified as causative for atypical RTT or RTT-like phenotype in the patients. To date, there has been a lack of therapeutic strategies to help these patients, and it is crucial to shed light on the many unknown aspects of these disorders. Therefore, this Special Issue provides a forum for the publication of top-quality research papers on molecular and cellular mechanisms underlying Rett syndrome and related disorders, the neural systems and underpinning behavioral-associated features and findings relevant to the development of new therapies.

Guest Editor

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