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Molecular Research on Rett Syndrome and Related Disorders: From the Past Towards the Future

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Deadline for manuscript submissions:
closed (31 July 2019)

Message from the Guest Editors

Dear Colleague,

Dramatic progress has been made since the *MECP2* gene was discovered as the main cause of Rett syndrome, providing geneticists with molecular diagnostic tools and researchers with a plethora of animal models and molecular pathways that might be relevant for treatments. Importantly, several laboratories have been able to demonstrate that Rett syndrome, and possibly related disorders, are not irreversible conditions, at least in mice. This has boosted research on the pathophysiology of these diseases, the biological roles of the involved genes, and the identification of the affected molecular pathways.

Despite this enormous acceleration of research in Rett syndrome and related disorders, no cure is still available. Considering all of the above, we would like to invite original articles or reviews that focus on genes involved in Rett syndrome and related disorders, including *MECP2, CDKL5,* a n d *FOXG1*, and highlight deregulated molecular mechanisms, their potential involvement in the pathophysiology, and their therapeutic value.

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Dr. Angelisa Frasca
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Special Issue

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Message from the Editor-in-Chief

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