

Special Issue

Neurodevelopmental Phenotyping to Inform Treatment in Neurogenetic Syndromes

Message from the Guest Editor

A critical goal for translational research in neurogenetic syndromes is to identify developmental, behavioral, and pharmaceutical treatments that address neurodevelopmental challenges associated with specific conditions (e.g., Down syndrome, fragile X syndrome, Angelman syndrome, Rett syndrome). Innovations in this area have the potential to offer novel and effective biomedical and behavioral intervention for individuals with specific neurogenetic conditions; however, there are gaps in our knowledge that hinder the readiness of treatments, namely the need for (1) validated outcome measures that quantify the effects of new treatments on cognition and behavior in specific conditions; and (2) more advanced characterizations of neurodevelopmental heterogeneity within specific conditions to inform treatment development. In this Special Issue, all related articles and reviews are welcome.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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