

Review of: "The neuropsychological effects of some childhood neurodevelopmental disorders"

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Potential competing interests: No potential competing interests to declare.

Comments

The authors present an interesting study about Neurodevelopmental study.

This article provides new insights into neurodevelopment-related psychiatric disorders. It leads to further understanding and treating neurodevelopmental psychiatric disorders where they represent a high burden at the levels of health, society and economics.

In Abstract,

Reviewer suggests to add that better understanding of the mechanisms and pathophysiology of these disorders will inform the development of novel early-life interventions. Much work is needed, as these children with disruptive behavior disorders can have significant negative effects on their families and their communities.

Introduction and examples are well done. However, reviewer advice to add more about understanding risk factors, biomarkers specially to ASD and ADHD. Reliable biomarkers will support the clinical use as part of personalized treatment approaches. It is interesting that evidences suggests that the same genes that underlie the development of ADHD may also be related to the likelihood of being exposed to some risk factors (low birth weight, maternal hypertension, infections, autoimmune disease, low income, and parental psychiatric disorders) exploring the potential interactions between poly genetic gene scores and other ADHD risk factors.

Reviewer suggest to add Fragile X syndrome as an example of Neurodevelopmental Mendelian syndrome.

In regards to the conclusion section, Perhaps the authors could be more specific when referencing to support their work to meet more towards those early in their careers or still in training for neuropsychology.