

Peer Review

Review of: "Mitochondrial Dynamics in Regressive Autism & the Surprising Link to Genius"

Kirsten Furley^{1,2}

1. Developmental Paediatrics Developmental Regression, Monash University, Victoria, Australia; 2. Developmental Regression, Monash Children's Hospital, Clayton South, Australia

Interesting and current integration of proposed mechanisms for gain and loss of abilities. To strengthen this important work, I would like to read about the research that does not support mitochondrial function, and the reasoning.

More broadly, regression in general, not specific to autistic children who regress, could be associated with or have causal mechanisms related to mitochondrial function. I wonder if other conditions known to feature regression, such as Phelan McDermid (you already mention SHANK3), could be expanded on here?

Minor editorial suggestions - You are correct regarding the DSM-5 (2013) but suggest considering updating to the DSM-5 Text Revision edition (2022). Also, your quotes " ..." need to reference the source/page number, and on occasion, you need to write out acronyms in full, e.g., PTSD.

Declarations

Potential competing interests: No potential competing interests to declare.