

Biological Psychiatry

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BRAIN DEVELOPMENT AND COMMUNICATION IN AUTISM SPECTRUM DISORDER

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*Jillian Vinall Miller, Vann Chau, Anne Synnes,
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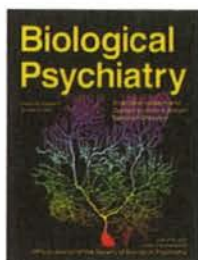
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674 Cerebellar Atypicalities in Autism?

*Charles Laidi, Dorothea L. Floris,
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Andre F. Marquand, Christian F. Beckmann,
Vincent Frouin, Marion Leboyer,
Edouard Duchesnay, Pierrick Coupé,
Josselin Houenou, and the EU-AIMS LEAP
Group*

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The elaborate dendritic branches and spines of a mouse cerebellar Purkinje neuron are revealed by Golgi-like viral expression of dTomato after intravenous viral delivery. Parasagittal sections were collected and imaged by confocal microscopy, followed by rainbow pseudo-coloring. Viral design and delivery, sample preparation, and imaging were carried out by Dr. Molly Heyer in the lab of Dr. Paul Kenny at the Icahn School of Medicine at Mount Sinai.

This art is part of the 2022 Art of the Brain exhibition at The Friedman Brain Institute at the Icahn School of Medicine at Mount Sinai, which is curated by Veronica Szarejko.



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