

SPOTTED

Spotted around the web: Week of 23 September 2019

BY JILL ADAMS

27 SEPTEMBER 2019

WEEK OF SEPTEMBER 23RD

Research roundup

- Babies born to women who had preeclampsia during pregnancy may have an elevated risk of autism. *The Journal of Child Psychology and Psychiatry*
- Children with attention deficit hyperactivity disorder have more autism traits than those without the diagnosis. *Psychological Medicine*
- Cannabidiol diminishes seizures and normalizes brain activity in a mouse model of Angelman syndrome. *The Journal of Clinical Investigation*
- Autistic children who have repetitive behaviors around the time of their diagnosis may be at a heightened risk of developing anxiety. *Journal of the American Academy of Child and Adolescent Psychiatry*
- Children who are younger than their school classmates are more likely to be diagnosed with attention deficit hyperactivity disorder, intellectual disability or depression. *JAMA Pediatrics*
- Researchers use a 4D imaging technique, which detects changes in local blood flow over time, to study seizure-like activity in rats. *Nature Methods*
- Blind people's brains show consistent responses in the visual cortex across individuals, suggesting an organized repurposing of neural networks. *The Journal of Neuroscience*
- Brain slowdown does not appear to predict an imminent seizure. *Chaos*
- People may perceive the label 'Asperger syndrome' more positively than 'autism.' *Journal of Autism and Developmental Disorders*

Science and society

- Researchers are trying to devise a diagnosis for people in immediate danger of attempting suicide. *Undark*

- Some scientists have failed to get grants on women's health topics because they did not include male participants. [Ozy](#)
- A Fox News talk-show guest called climate activist Greta Thunberg, who is autistic, "mentally ill," prompting the TV network to apologize. [The Washington Post](#)
- Years after being diagnosed with anorexia, many women learn that they also have autism. [Refinery29](#)
- Vaccine hesitancy in the United States has been building for decades, arising from a number of disparate groups. [The New York Times](#)
- The U.S. Senate unanimously voted to renew the Autism CARES Act, a \$1.8 billion bill to fund autism research and services. [Disability Scoop](#)
- The Developing Human Connectome Project has announced a second release of open-access data, with magnetic resonance images from more than 500 newborns. [Developing Human Connectome Project](#)
- Accepting money from individual donors for science and technology research brings risks along with funding, as recent events at the MIT Media Lab reveal. [The Atlantic](#)
- Babies born by cesarean section may have an elevated risk of autism, but it's unclear why. [The New York Times](#)
- Google has announced it will prohibit advertising for unproven medical treatments such as stem cell therapies. [STAT](#)

Autism and the arts

- The Brazilian band Lyria has released a music video of "The Rain," a song inspired by an autistic fan. [Ultimate Guitar](#)

Publishing

- A new journal, *Experimental Results*, aims to publish papers reporting incremental findings, replication studies and results that don't support the hypothesis. [Cambridge University Press](#)
- A select group of scientists offers advice for peer reviewers. [Cell](#)

Funding news

- The U.S. National Institutes of Health has announced six research grants to support early psychosis intervention. [National Institutes of Health](#)