

SPOTTED

Spotted around the web: Week of 2 September 2019

BY JILL ADAMS

6 SEPTEMBER 2019

WEEK OF SEPTEMBER 2ND

Research roundup

- The high-fat, low-carbohydrate ketogenic diet may be an effective treatment for young children with epilepsy. *Scientific Reports*
- Children with Rett syndrome have a lack of diversity of gut microbes, which correlates with clinical severity. *International Journal of Molecular Sciences*
- The tumor suppressor gene PTEN, implicated in autism, works at various cellular sites, which may account for its many biological functions. *Cancers*
- Autistic adults may have eating difficulties related to sensory issues, medical problems or rigidity of food preferences, but most learn to adapt. *PLOS One*
- A large population study in Denmark has found no link between smoking during pregnancy and having a child with autism. *Autism Research*
- Autistic toddlers do not pay attention to faces even when someone is speaking or looking directly at them, which suggests a lack of registering social cues rather than active avoidance. *Journal of Child Psychology and Psychiatry*
- Researchers have developed two publicly available mouse lines in which microglia gene expression can be controlled. *eNeuro*

Science and society

- A graduate of Tufts University's veterinary school has filed a lawsuit claiming the school retaliated after she reported her department for data fabrication and animal abuse. *Daily Beast*
- Educating scientists about unconscious gender bias can lessen its influence on hiring and tenure committees. *Vox*
- Numerous scientists and research institutions accepted funding from Jeffrey Epstein after

- he was convicted of soliciting a minor for prostitution. *BuzzFeed News*
- The U.S. National Institutes of Health project All of Us, which aims to sequence genomes from 1 million people, will also provide genetic counseling to participants. *Nature*
 - An autistic boy who couldn't sit still on an airplane found many supporters in flight attendants and fellow passengers. *WGNO*
 - Climate activist Greta Thunberg wrote in an Instagram post that her autism is her superpower. *Teen Vogue*
 - Autistic students at West Chester University in Pennsylvania get workplace training by running an on-campus convenience store. *The Philadelphia Inquirer*
 - An Iowa City, Iowa, gym offers autistic children an obstacle course and classes with few rules. *The Gazette*

Autism and the arts

- A new children's book, "Adventures With Big E: Help With Hygiene," is the first in a series designed for those with autism, anxiety or other developmental challenges. *Mascot Books*
- A Philadelphia, Pennsylvania, high school teacher has been named 'Outstanding Special Needs Art Educator' for her individualized approach to her students. *KYW*

Publishing

- Two researchers give practical advice on registered reports, in which scientists submit experimental designs for peer review before conducting the work. *Trends in Neurosciences*
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