

SPOTTED

Spotted around the web: Week of 1 July 2019

BY JILL ADAMS, CLAIRE CAMERON

5 JULY 2019

WEEK OF JULY 1ST

Research roundup

- Aggressive behaviors in autistic children under 4 years old are associated with nausea. *Frontiers in Psychiatry*
- Genetic variants associated with autism may influence both neuronal communication and gut dysfunction. *Autism Research*
- A new 3D model enables researchers to simulate the moment in development when a human embryo shows features of future body parts. *Nature Cell Biology*
- CAS9, the enzyme that cuts DNA in the CRISPR gene editor, can be used to tamp down gene activity. *Molecular Cell*
- Exposure to solvents in the workplace during pregnancy may increase the risk of autism in the child. *Occupational & Environmental Medicine*
- Mutations in the gene MEMO1 may be associated with neurodevelopmental conditions. *Neuron*
- Being bullied as a child may increase the risk of depression in later life in those genetically predisposed to the condition. *JAMA Network Open*
- Chemical tags on messenger RNA are key to brain development, including neuron formation and memory. *Science*

Science and society

- U.S. presidential hopeful Pete Buttigieg proposes recruiting volunteers to address gaps in mental health care. *The New York Times*
- Facebook is curbing posts that promote 'miracle cures' for medical conditions. *The Hill*
- Exposure to a common food preservative in utero may be linked to elevated autism risk. *WebMD*

- Having a child with autism has influenced U.S. presidential candidate Andrew Yang's views and his platform. **Heavy**
- A study that described a method to reanimate pigs' brains after death raises ethical questions. **The New York Times**
- U.S. Food and Drug Administration compliance and enforcement actions have fallen dramatically during the Trump administration. **Science**
- At least four doctors are under investigation in California for issuing suspect medical exemptions for vaccinations. **Kaiser Health News**
- A mother calls for better teacher training after her son was singled out in school for having autism. **BBC News**
- South Asian countries should work together to boost scientific collaborations in the region, two researchers argue. **Science**
- Women give fewer talks and ask fewer questions during others' talks than expected at the American Society of Human Genetics annual meeting. **American Journal of Human Genetics**
- Emergency room staff need better training to help individuals with psychiatric issues. **STAT**

Autism and the arts

- "Pablo," a children's television show voiced and co-written by autistic people, is available on Netflix. **Netflix**

Publishing

- Some leading psychologists don't disclose income from speeches about their work and relevant consulting gigs in their published papers. **Nature**
- To combat publishing fraud in India, the country's academic regulator has issued a new list of 815 'quality' Indian journals. **Nature**

Job moves

- Rebecca Jones is leaving her post as assistant professor at Weill Cornell Medicine to join Imagen, an artificial-intelligence company focused on health. **Imagen**