**Young survivor of rare polio-like illness now thriving**

“The most common etiology is probably a viral infection that starts off the process, and there’s probably several different viruses that can cause acute flaccid myelitis,” said Samuel Dominguez, medical director of the clinical microbiology laboratory at Children’s Hospital Colorado.

*CNN, Oct. 13, 2018*

**CDC Warns of Polio-Like Virus Striking More U.S. Kids**

“We followed our children for over a year,” said Samuel Dominguez, a pediatric infectious disease expert with Children’s Hospital Colorado. “Several of the kids did recover, but the majority of them still had permanent deficits a year out.”

*U.S. News & World Report, Oct. 16, 2018*

**United States reports new cases of puzzling, polio-like disease that strikes children**

Lab research has strengthened the case that EV-D68 could be involved. Last year, Kenneth Tyler of the University of Colorado (CU) School of Medicine in Aurora and his colleagues reported that several strains of EV-D68 could cause paralysis in mice.

The virus seemed to target nerve cells involved in muscle control, which makes the link much more plausible, says Kevin Messacar, a pediatric infectious disease specialist also at CU who was not involved in the study.

*Science, Oct. 16, 2018*
Colorado Is Home To Mysterious Neurological Disease, And Researchers Tracking It

“We have a better understanding that this virus is likely causing an active infection in the spinal cord, in the rare cases that it’s causing paralysis,” said Kevin Messacar of Children’s Hospital Colorado.

Kenneth Tyler, Chair of the University of Colorado’s Neurology Department, was also involved in the research. He pointed out that with only about 100 cases per year in the U.S., it’s very rare. “As long as the numbers stay that low, that’s a really, really tiny number,” Tyler said.

Wyoming Public Media, Oct. 17, 2018

Nanette Santoro elected to National Academy of Medicine

Nanette Santoro, professor and E. Stewart Taylor Chair of Obstetrics and Gynecology at the University of Colorado School of Medicine, has been elected into the National Academy of Medicine, one of the highest honors in the fields of health and medicine.

Medical Health News, Oct. 17, 2018

Three-drug combination improves life for cystic fibrosis patients

“These results represent a major breakthrough in cystic fibrosis therapeutics, with the potential for improving health and possibly survival in all patients who carry the most common CFTR mutation,” Fernando Holguin of the University of Colorado, who was not involved in the studies, said in a commentary published in the New England Journal of Medicine.

“Within 24 hours of taking the pill combination, patients were puffing less. Their sinuses were clearer. They had more energy,” Jennifer Taylor-Cousar of National Jewish Health, who led one of the study teams, told NBC News.

NBC News, Oct. 18, 2018
Here’s What You Need to Know About Using Marijuana While Pregnant or Breastfeeding

One challenge is that “most mothers who use while nursing also used in pregnancy, [so] separating out effects of each is also difficult,” Maya Bunik, pediatrician and Medical Director of the Child Health Clinic at Children’s Hospital Colorado and pediatrics professor at the CU School of Medicine, tells SELF.

The potential neurodevelopmental effects “include problems with learning, behavior control, executive functioning, attention issues, and mental health concerns,” Erica Wymore, a neonatologist at Children’s Hospital Colorado and professor at the CU School of Medicine, tells SELF. “The challenge is that these problems occur much later in childhood, rather than in the newborn period.”

Self, Oct. 12, 2018

Colorado doctor has warning to B.C. parents about dangers of pot edibles

Since Colorado allowed the sale of marijuana edibles in 2014, Sam Wang at Colorado Children’s Hospital says more and more kids are being admitted into the emergency ward. “In 2009, we only had about a couple, and in 2017, we had about 35,” Wang said.

Globalnews.ca, Oct. 12, 2018

Bundle up football fans

That’s dangerously cold, said Anne Wagner, the medical director at the UCHealth University of Colorado Hospital Burn Center. “Wear lots of layers. Dress in layers. Wear as much orange and blue as you can,” she told FOX31.

Fox31, Oct. 12, 2018

Environmental associations with genes may yield opportunities for precision medicine

“Humans have developed and used pharmaceutical drugs for a few centuries, but their genes have been functioning on their own and interacting with other environmental factors for long before that,” explained presenting author Chris Gignoux, of the CU Anschutz Medical Campus.

Sciencemag, Oct. 18, 2018
Do PPIs contribute to chronic illness?

“Because of their highly prevalent and often chronic use, attention has focused on the potential harmful effects of long-term PPI (proton pump inhibitors) use,” wrote authors led by Gregory L. Austin, Division of Gastroenterology and Hepatology, CU Anschutz Medical Campus.

MDLinx, Oct. 16, 2018

University of Colorado Hospital receives Level I trauma designation

The University of Colorado Hospital on Tuesday announced that it has officially received a Level I trauma center designation. Level I trauma centers are those that treat the most severe and complex injuries 24 hours a day.

9News, Oct. 16, 2018

Summit Medical Center Foundation raises $257k for high altitude research center

The High Altitude Research Center will be a first-of-its-kind collaboration with the CU School of Medicine to study the effects of altitude on health. Areas for potential study include how low oxygen at altitude could affect the body and brain, cardiovascular issues associated with being at altitude, as well as sleep disorders and geriatric care.

Summit Daily, Oct. 16, 2018

Initiated Ordinance 301 – Caring 4 Denver – aims to relieve a mental health system under duress

Today, Rhonda Kelly works with the CU National Mental Health Innovation Center where she’s an advocate for mental health services for first responders. She said the metro area’s growth has played into an increase in traumatic situations that first responders have to deal with in their work. “Society itself is just amping up. We’re doing more, there’s more density, there’s more interpersonal violence, and emergency response is reflective of that,” she said.

Denverite, Oct. 15, 2018