**One Health News Bits**

**Dec 17, 2011**

[**The heat is on**](http://www.economist.com/node/21533360)

A new analysis of the temperature record leaves little room for the doubters. The world is warming. For those who question whether global warming is really happening, it is necessary to believe that the instrumental temperature record is wrong. That is a bit easier than you might think.

[**Scientists close in on Hendra vaccine**](http://r.smartbrief.com/resp/djdoBXzCwNCbkizPCidalECicNNuPN?format=standard)

U.S.-based researchers say the vaccine they've created to fight the Hendra virus, which can be transmitted from horses to humans, has proved effective on monkeys and will now be tested in human trials. The disease has killed four people and 34 horses in Australia since 1994. [The Australian](http://r.smartbrief.com/resp/djdoBXzCwNCbkizPCidalECicNNuPN?format=standard) (10/21)

[**Ebola-related virus is found in Spain**](http://r.smartbrief.com/resp/djjzBXzCwNCbllnjCidalECicNbcom?format=standard)

After bats in Spain began dying without explanation, scientists initiated a study in which they evaluated tissue samples from dead bats and found the Lloviu virus, an Ebola-related virus typically found in East Africa and the Philippines. "The Lloviu virus discovery highlights how much we still need to learn about the world of emerging infectious diseases and the importance of global collaboration and the One Health initiative in addressing the challenge," said Dr. Ian Lipkin, director of The Center for Infection and Immunity. [The Daily Mail (London)](http://r.smartbrief.com/resp/djjzBXzCwNCbllnjCidalECicNbcom?format=standard) (10/24)

[**Study in rats finds link between antidepressants and autism**](http://r.smartbrief.com/resp/djjzBXzCwNCbllnlCidalECicNgGda?format=standard)

Rats exposed in utero to the antidepressant citalopram, a serotonin-selective reuptake inhibitor, demonstrated fear of new situations and had an aversion to normal playful activity, traits similar to those in children with autism, according to a study at the University of Mississippi Medical Center. "[T]hese new results suggest an opportunity to study the mechanisms by which antidepressants influence brain and behavioral development," said Thomas Insel, director of the National Institute of Mental Health. [FoxNews.com](http://r.smartbrief.com/resp/djjzBXzCwNCbllnlCidalECicNgGda?format=standard) (10/24)

[**A man and his dog turn tragedy into triumph**](http://r.smartbrief.com/resp/djnaBXzCwNCblDqWCidalECicNHBje?format=standard)

Davis Hawn suffers from post-traumatic stress disorder due to a brutal robbery and beating, but his dog Booster helps him cope with the disorder and inspired Hawn to create the first-ever therapy dog program in Cuba. Hawn hopes to send puppies to Cuba to be trained as therapy dogs for locals. [The Times-Picayune (New Orleans)](http://r.smartbrief.com/resp/djnaBXzCwNCblDqWCidalECicNHBje?format=standard) (10/25)

[**7 E. Coli Cases in Wake County, North Carolina**](http://www.foodsafetynews.com/2011/10/7-e-coli-cases-in-wake-county-north-carolina/)

Six children and one adult have been infected with pathogenic E. coli in Wake County, North Carolina, according to the North Carolina Division of Public Health.

[**New research finds insights into West Nile virus spread**](http://r.smartbrief.com/resp/djqVBXzCwNCblTdDCidalECicNgreR?format=standard)

Biologist Marm Kilpatrick recently completed a 10-year study of West Nile virus and found that the American robin is the most commonly infected bird and the mosquito species that originally brought the virus to the U.S. is no longer the primary carrier. The virus originated in Africa and was first seen in the U.S. in 1999, but rapidly spread across the country, infecting more than 1.8 million people, causing 360,000 illnesses, and killing 1,308 people. [San Jose Mercury News (Calif.)](http://r.smartbrief.com/resp/djqVBXzCwNCblTdDCidalECicNgreR?format=standard) (free registration) (10/26)

[Contagion' Connections: How Links Among Humans, Animals And The Environment May Be Spawning A New Class Of Infectious Diseases](http://www.huffingtonpost.com/2011/09/30/contagion-infectious-disease-animals-environment-health_n_987455.html) Bronx Zoo pathologist Tracey McNamara started to see lifeless crows dotting her zoo's grounds in mid-August 1999. After Labor Day weekend that year, she recalls, "All hell broke loose." Even as crows kept falling from the sky, Chilean flamingos, laughing gulls and a snowy owl, among other captive species, also suddenly began dying. "Many of these birds were healthy at breakfast and dead by dinnertime," says McNamara, now a professor of pathology at Western University of Health Sciences in Pomona, Calif…….. Twelve years later, are we preventing, preparing or monitoring possibly epidemic new diseases in adequate fashion? [The Huffington Post](http://www.huffingtonpost.com/2011/09/30/contagion-infectious-disease-animals-environment-health_n_987455.html) (9/30)

[**Animals play a role in produce-safety problems**](http://r.smartbrief.com/resp/djqVBXzCwNCblTdECidalECicNnZKU?format=standard)

Cows, pigs, deer and other wildlife play a key role in contaminating produce that spreads foodborne illnesses, such as E. coli, which sicken about 48 million Americans each year. Crops that grow close to the ground are especially at risk when animals carrying harmful bacteria move into growing fields and waterways, says food-safety specialist Michele Jay-Russell. [The Huffington Post](http://r.smartbrief.com/resp/djqVBXzCwNCblTdECidalECicNnZKU?format=standard) (10/26)

[**Girl suffers serious infection after kinkajou bite**](http://r.smartbrief.com/resp/djqVBXzCwNCblTdPCidalECicNlkNs?format=standard)

New Bacteria: Kigella potus. When Jada Thurmond showed up at the emergency room complaining of stabbing stomach pain Sept. 18, the doctors treated her for a virus and sent her home…… In their research, Montgomery said she and doctors found out that kinkajous carry a unique bacteria called Kingella potus, discovered only six years ago [Chattanooga Times Free Press](http://timesfreepress.com/news/2011/oct/27/kinkajou-bite-sends-teen-to-hospital-for-6-days/) (Tenn.) (10/27)