

16/06/2020

Highlight

The Latest: Germany: Pets with virus must be reported

WAOW – 16/06/2020

The German government plans to introduce an obligation that any cases of coronavirus in pets be reported to authorities. It says the move is needed to assist research into the virus.

Tuberculosis spread from animals to humans may be greater than previously thought

EurekAlert – 15/06/2020

The number of human tuberculosis (TB) cases that are due to transmission from animals, as opposed to human-to-human transmission, may be much higher than previously estimated, according to an international team of researchers.

➤ **Excerpt:** “ Kapur noted that the World Health Organization, World Organisation for Animal Health and Food and Agriculture Organization of the United Nations define zoonotic TB as human infection with *Mycobacterium bovis*, a member of the *Mycobacterium tuberculosis* complex (MTBC).”

➤ **Related study:** [Reconsidering *Mycobacterium bovis* as a proxy for zoonotic tuberculosis: a molecular epidemiological surveillance study](#) *The Lancet* – 1/06/2020

THEMATIC	HEADLINE – JOURNAL - DATE – ARTICLE'S LEAD	OIE COMMUNICATIONS UNIT COMMENTS
Emerging diseases COVID-19	<p><u>The Latest: Germany: Pets with virus must be reported</u> WAOW – 16/06/2020</p> <p>The German government plans to introduce an obligation that any cases of coronavirus in pets be reported to authorities. It says the move is needed to assist research into the virus.</p> <p><u>Aunque sin evidencias de transmisión de animales a humanos, de la COVID-19 todo puede esperarse</u> Radio Bayamo, Español – 13/06/2020</p>	<p>Excerpt “En la práctica, apuntó, la Organización de la ONU para la Agricultura</p>

Hasta hace muy poco no había evidencias de infección de humanos con enfermedad de la COVID-19 y su agente causal SARS-CoV-2 a partir de animales, opinó el Doctor en ciencias veterinarias Pastor Alfonso Zamora.

y la Alimentación (FAO), la Organización Mundial de Sanidad Animal (OIE) y la Organización Mundial de la Salud (OMS) tienen desde las 2010 alianzas establecidas para el enfrentamiento a las zoonosis y antecedentes de colaboración frente a otras amenazas en la interfaz hombre-animal-ambiente e incluso la OIE tiene activado un grupo de expertos sobre la COVID-19."

[China ramps up checks on meat and seafood after spike in COVID-19 cases in Beijing market](#)

The Poultry Site – 16/06/2020

Multiple Chinese provinces are stepping up inspections of fresh and frozen meat and seafood, including imported goods, after new cases of the novel coronavirus are linked to a Beijing food market.

[NIAID and Moderna scientists describe SARS-CoV-2 vaccine development](#)

News-Medical.net – 14/06/2020

Researchers at the National Institute of Allergy and Infectious Diseases and Moderna Inc., have described the potent neutralizing effects of a candidate vaccine for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) that is currently being tested in a phase II trial.

Related article

[SARS-CoV-2 mRNA Vaccine Development Enabled by Prototype Pathogen Preparedness](#)

BioRxiv – 11/06/2020

[China's COVID-19 vaccine candidate shows promise in human trials, CNBG says](#)

Reuters – 16/06/2020

China National Biotec Group (CNBG) said on Tuesday its experimental coronavirus vaccine has triggered antibodies in clinical trials and

	<p>the company plans late-stage human trials in foreign countries.</p> <p>Study Finds 1 in 5 People Worldwide at Risk of Severe Covid-19</p> <p><i>The New York Times – 16/06/2020</i></p> <p>Roughly 1.7 billion people have at least one of the underlying health conditions that can worsen cases of the coronavirus, a new analysis shows.</p> <p>Coronavirus: Dexamethasone proves first life-saving drug</p> <p><i>BBC – 16/06/2020</i></p> <p>A cheap and widely available drug can help save the lives of patients seriously ill with coronavirus.</p> <p style="text-align: center;">Covid-19 : un stéroïde réduit d'un tiers la mortalité chez les patients les plus atteints, selon l'étude britannique Recovery</p> <p style="text-align: right;"><i>Le Figaro – 16/06/2020</i></p>	<p>Related Study</p> <p><u>Global, regional, and national estimates of the population at increased risk of severe COVID-19 due to underlying health conditions in 2020: a modelling study</u></p> <p><i>The Lancet – 15/06/2020</i></p>
Animal Welfare	<p>Welfare groups decry live export exemption</p> <p><i>St George and Sutherland Shire Leader – 13/06/2020</i></p> <p>Animal welfare groups are outraged a live export ship is being allowed to sail from Western Australia to the Middle East despite the northern summer ban, after the federal Department of Agriculture granted an exemption.</p> <p>Exemption allows WA live sheep shipment to go ahead</p> <p><i>Sheep Central – 13/06/2020</i></p> <p>Summer ban on live exports a 'sham' after Federal Court ruling, MPs say</p> <p><i>The Sydney Morning Herald – 16/06/2020</i></p> <p>WSAVA, World Animal Protection partner to promote global canine welfare</p>	<p>Related press release</p> <p><u>We partner with World</u></p>

	<p>dvm360 – 15/06/2020</p> <p>WSAVA, World Animal Protection partner to promote global canine welfare. June 15, 2020. dvm360 Staff.</p>	<p><u>Small Animal Vet Association (WSAVA) to protect even more dogs</u></p> <p><i>World Animal Protection – 16/06/2020</i></p>
Food Security	<p><u>Opinion: Food Security in Light of COVID-19</u></p> <p><i>Agribusiness Global – 15/06/2020</i></p> <p>In an ideal world, food demand and supply is balanced. Countries that are blessed with land and water produce more than they need and export the excess to those that are not so blessed.</p>	
Food Safety	<p><u>Forces Shaping The Future Of Global Food Safety</u></p> <p><i>BW Businessworld – 15/06/2020</i></p> <p>The global food safety industry will also see a shift away from traditional models to a more modernist set of digital disruptors.</p> <p><u>New China COVID-19 outbreak to directly impact 'salmon business around the world'</u></p> <p><i>Intra Fish – 15/06/2020</i></p> <p>The discovery on Friday of COVID-19 on the chopping board of a seller of imported salmon at Beijing's main wholesale seafood market is set to disrupt demand for product in the Chinese market, according to several Chinese newspaper reports over the weekend.</p>	
Animal Health	<p><u>Avian Influenza: UK disease-free with continued vigilance required</u></p> <p><i>GOV.UK – 15/06/2020</i></p> <p>The UK now meets international requirements to declare freedom from Avian Influenza, as the chief vet urges continued vigilance.</p> <p><u>UK meets requirements to declare freedom from bird flu</u></p> <p><i>FarmingUK – 15/06/2020</i></p>	<p>Excerpt</p> <p>“Under World Organisation for Animal</p>

		Health (OIE) rules, three months must elapse from the application of measures to prevent the spread of disease after cleansing and disinfection of the last infected premises before a country can be declared disease-free."
African swine fever	<p>Vaccine for ASF shows promise in clinical trials</p> <p><i>The Pig Site – 15/06/2020</i></p> <p>Reuters reports that a Chinese vaccine that protects pigs from African swine fever appears to be safe in clinical trials. If successful, the vaccine would be crucial for preventing one of the world's most debilitating livestock diseases.</p> <p>African Swine Fever Research Collaborations Begin in Vietnam</p> <p><i>Pork Magazine – 15/06/2020</i></p> <p>A \$1.7-million USDA Foreign Agricultural Service grant awarded last fall to the Swine Health Information Center (SHIC), with active support from the National Pork Producers Council (NPPC), is funding African swine fever (ASF) research that will benefit both U.S. and Vietnamese pork producers.</p> <p>China strengthens tracking of hog transport to control animal disease</p> <p><i>United News of India – 16/06/2020</i></p> <p>China will step up the regulations of hog transport to further contain the spread of African Swine Fever, the Ministry of Agriculture and Rural Affairs has said.</p> <p>S. Korea pig farmers cry for help from prolonged ASF outbreak</p> <p><i>INQUIRER.net – 15/06/2020</i></p> <p>The novel coronavirus has been grabbing headlines for months, causing numerous</p>	Korea (Rep. of)

	<p>deaths, economic setbacks and disrupting everyday business and life activities.</p> <p>African swine fever outbreak for Nigeria: 'My papa die afta im lose more dan 100 pigs'</p> <p><i>BBC News – 16/06/2020</i></p> <p>Dis disease wey neva get vaccine or cure don kill ova 300,000 pigs for di Oke Aro farm settlement for area wey dey share boundary of Ogun State and Lagos, Nigeria bizness capital.</p>	Nigeria
Rabies	<p>Man dies from rabies in first confirmed case in Japan since 2006</p> <p><i>The Japan Times – 15/06/2020</i></p> <p>A man believed to have contracted rabies months ago in the Philippines has died at a hospital in Toyohashi, Aichi Prefecture, in the first death caused by the viral disease in the country since 2006, the city said Monday.</p>	
Peste des petits ruminants	<p>Tindouf/cheptel : quelque 94 500 têtes vaccinées contre la peste des petits ruminants</p> <p><i>Algérie Presse Service – 15/06/2020</i></p> <p>Quelque 94.500 têtes du cheptel ont été vaccinées contre la peste des petits ruminants (PPR) à travers la wilaya de Tindouf, a-t-on appris lundi auprès de l'inspection vétérinaire de la wilaya.</p>	
Aquatic Animals	<p>Fish, other aquatic animals were seen floating dead in Nanded</p> <p><i>United News of India – 13/06/2020</i></p> <p>Nanded, Jun 13 An uncountable number of fishes and other aquatic animals were seen floating dead on the banks of the Godavari river on Saturday morning, creating panic amongst the local fishermen.</p> <p>Why fish oil alternatives are more important than fishmeal alternatives in aquafeeds</p>	<p>Related study</p> <p>Global adoption of novel aquaculture feeds could</p>

	<p><i>The Fish Site</i> – 14/06/2020</p> <p>A new meta-analysis exploring production data, 10 years of experimental results and scenario modelling suggests that the need to find novel replacements for fish oil in aquafeeds is much more urgent than the need to replace the fishmeal content.</p>	<p><u>substantially reduce forage fish demand by 2030</u></p> <p><i>Nature</i> – 19/05/2020</p>
Bees	<p><u>A Bee C: Scientists translate honeybee queen duets</u></p> <p><i>BBC News</i> – 16/06/2020</p> <p>Scientists using highly sensitive vibration detectors have decoded honeybee queens' "tooting and quacking" duets in the hive.</p>	<p>Related study</p> <p><u>The prediction of swarming in honeybee colonies using vibrational spectra</u></p> <p><i>Scientific reports</i> – 16/06/2020</p>
Veterinary Products AMR	<p><u>Essential Science: Firing the arrow with new antibiotics</u></p> <p><i>Digital Journal</i> – 15/06/2020</p> <p>Scientists have successfully developed a so-called 'poisoned arrow' designed to defeat antibiotic-resistant bacteria. Such developments are critical in the battle against antimicrobial resistant organisms. The success is based on a dual-mechanism.</p> <p><u>Why antibiotic-resistant pathogens may get a boost from the COVID-19 pandemic</u></p> <p><i>Genetic Literacy Project</i> – 13/06/2020</p> <p>I want to return to my favorite topic, antibiotics, viewed through the lens of the COVID-19 pandemic. Of course, as is probably true for all of us, my perspective is colored by my own history and experience. I want to share that with you before proceeding further</p> <p><u>Microbiologists are worried by rising bacterial co-infections in COVID-19 patients, as well as the dangers of microbial resistance</u></p> <p><i>ZME Science</i> – 15/06/2020</p> <p>Many patients are at risk of dying from</p>	<p>Related study</p> <p><u>A Dual-Mechanism Antibiotic Kills Gram-Negative Bacteria and Avoids Drug Resistance</u></p> <p><i>Cell</i> – 15/06/2020</p> <p>Related study</p> <p><u>Epidemiology, Clinical Course, and Outcomes of Critically Ill Adults With COVID-19 in New York City: A Prospective Cohort Study</u></p> <p><i>Pubmed</i> – 06/2020</p> <p>Related study</p> <p><u>SARS -CoV-2, bacterial co-infections, and AMR: the deadly trio in COVID-19?</u></p> <p><i>EMBO Molecular</i></p>

	bacterial infections acquired in the hospital rather than of the virus itself.	<i>Medicine – 15/06/2020</i>
International Trade	<p>Egypt will resume exporting poultry after 14-year hiatus</p> <p><i>The Poultry Site – 15/06/2020</i></p> <p>Egypt's Agriculture Ministry has said that companies who have shown no evidence of infection with avian influenza viruses will be able to resume exporting their products for the first time since 2006.</p> <p>World Organization for Animal Health lists Egypt as free of bird flu and ready to export</p> <p><i>Egypt Independent – 15/06/2020</i></p> <p>Philippines raises concerns over increasing poultry imports</p> <p><i>The Poultry Site – 14/06/2020</i></p> <p>The House Committee on Agriculture and Food said it would consider a proposal to increase the volume of poultry imports.</p> <p>Pork industry awaiting OIE decision</p> <p><i>台北時報 – 14/06/2020</i></p> <p>Taiwan's success in eliminating foot-and-mouth disease has been due to respect accorded animal health experts, Council of Agriculture (COA) Minister Chen Chi-chung (陳吉仲) said yesterday, amid speculation that the World Organisation for Animal Health (OIE) is ready to remove the nation from a list of countries free of the disease without vaccination, perhaps as early as today.</p> <p>Farm groups urge Trump to preserve China trade deal</p>	<p>Excerpt</p> <p>"According to reporting in <i>Ahram Online</i>, Egypt will resume poultry exports after gaining approval from the World Organisation for Animal Health (OIE)."</p> <p>Excerpt</p> <p>"The OIE's listing will encourage more poultry firms to submit requests to enter the enterprise system, increasing exports and thus Egypt's foreign revenues, he added."</p>

	<p><i>Agri-Pulse – 16/06/2020</i></p> <p>Ahead of a pair of congressional hearings, farm groups and agribusiness interests appealed Tuesday to President Donald Trump to give the Chinese time to fulfill their promises to increase purchases of U.S. agricultural commodities and not pull the plug on the "phase one" agreement announced in January.</p>	
Livestock	<p>Livestock ship crew cleared of virus in WA</p> <p><i>Walcha News – 14/06/2020</i></p> <p>All crew from a livestock ship that has been stranded at a West Australian port for more than three weeks have been cleared of COVID-19.</p> <p>Al Kuwait exemption request granted</p> <p><i>Farm Weekly – 14/06/2020</i></p>	
One health	<p>Tuberculosis spread from animals to humans may be greater than previously thought</p> <p><i>EurekAlert – 15/06/2020</i></p> <p>The number of human tuberculosis (TB) cases that are due to transmission from animals, as opposed to human-to-human transmission, may be much higher than previously estimated, according to an international team of researchers.</p> <p>La transmisión zoonótica de tuberculosis podría ser mayor de lo estimado</p> <p><i>Animals health – 16/06/2020</i></p>	<p>Excerpt</p> <p>"Kapur noted that the World Health Organization, World Organisation for Animal Health and Food and Agriculture Organization of the United Nations define zoonotic TB as human infection with <i>Mycobacterium bovis</i>, a member of the <i>Mycobacterium</i> tuberculosis complex (MTBC)."</p> <p>Related study</p> <p><u>Reconsidering <i>Mycobacterium bovis</i> as a proxy for zoonotic tuberculosis: a molecular epidemiological surveillance study</u></p> <p><i>The lancet – 1/06/2020</i></p>

A Crucial Step Toward Preventing Wildlife-Related Pandemics

Scientific American – 15/06/2020

As the world grapples with containing the spread and impacts of the COVID-19 pandemic, we must also act to address the origins of zoonotic diseases, including the illegal, unregulated and underregulated trade and consumption of wildlife that may have led to the COVID-19 pandemic and is widely considered to be the cause of HIV, Ebola, SARS and MERS.

Excerpt

“There have been calls directed to the World Health Organization (WHO), the World Organization for Animal Health (OIE), and the United Nations Food and Agriculture Organization (FAO) to close wet markets and end all wildlife trade. These are critical organizations with valuable expertise, resources, networks and convening authority.”

IAEA Launches Initiative to Help Prevent Future Pandemics

International Atomic Energy Agency – 15/06/2020

The Director General of the International Atomic Energy Agency (IAEA), Rafael Mariano Grossi, launched an initiative today to strengthen global preparedness for future pandemics like COVID-19.

Excerpt

“Following the One Health concept for a multidisciplinary collaborative approach between human and animal health authorities and specialists, ZODIAC will benefit from the unique joint FAO/IAEA laboratories and from partners such as the World Health Organization (WHO) and the World Organisation for Animal Health (OIE).”