

Seqirus Media Monitoring

20th Jul 2017

News Highlights

[The flu vaccines are coming: GSK, Sanofi ship the first of more than 150M doses headed to U.S.](#)

GlaxoSmithKline and Sanofi have already kicked off their flu shot shipments. CSL's Seqirus hasn't announced its first shipments, but a spokesperson said the company plans to ship more than 50 million doses during the upcoming season

[Vaccines promoted as key to stamping out drug-resistant microbes](#) The battle against drug-resistant superbugs has neglected a key weapon, scientists say: using vaccines to quell the spread of resistance; even vaccines against viral diseases, such as influenza, can help to prevent overuse of antibiotics

[Influenza linked to brain disease in kids](#) Influenza has been linked to a deadly brain disease in Australian children, prompting calls for a universal flu vaccination program for the very young; during the past three flu seasons, 54 cases of potentially fatal influenza associated neurological disease were recorded among children at two Australian hospitals

[Vaccinated patients admitted to LGH's ward 6D](#) Australian health unions say the Launceston General Hospital has reached crisis point, with patients waiting up to four days to be moved to acute wards, and vaccinated patients being admitted to a ward closed to admissions because of a flu outbreak

[Kyrgyzstan to receive additional 105,000 doses of influenza vaccine](#) Kyrgyzstan will receive 105,000 doses of influenza vaccine for more than \$1,300,000, and will be provided with expendable materials for vaccination and training of medical workers

[Swine flu returns: Why it is bigger, more dangerous now than in 2016](#) An explanation as to why H1N1 infections in India are deadlier than before this year

Seqirus

The flu vaccines are coming: GSK, Sanofi ship the first of more than 150M doses headed to U.S.

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<http://www.fiercepharma.com/vaccines/gsk-sanofi-ship-first-more-than-100m-plus-flu-vaccine-doses>

Pandemic Influenza News

Human infection with avian influenza A(H7N9) virus - China

To date, a total of 1,554 laboratory-confirmed human infections with avian influenza A(H7N9) virus have been reported through IHR notification since early 2013 in China

<http://www.who.int/csr/don/19-july-2017-ah7n9-china/en/>

Vaccinated patients admitted to LGH's ward 6D

Australian health unions say the Launceston General Hospital has reached crisis point, with patients waiting up to four days to be moved to acute wards, and vaccinated patients being admitted to a ward closed to admissions because of a flu outbreak

<http://www.examiner.com/story/4798148/patients-admitted-to-ward-6d/>

Industry News

Flagship Russia/Nicaragua vaccines project runs into trouble

The launch of a new Russian-Nicaraguan vaccine production will be postponed for the end of 2017;

at the initial stage the plant should have produced a vaccine against influenza
<https://www.thepharmaletter.com/article/flagship-russia-nicaragua-vaccines-project-runs-into-trouble>

Sanofi Pasteur ships first vaccine doses ahead of flu season

Sanofi Pasteur said that the U.S. FDA has released its first doses of this year's Fluzone vaccine, and the company has started distributing initial shipments, the first of nearly 70 million doses for the upcoming year

<http://citizensvoice.com/news/sanofi-pasteur-ships-first-vaccine-doses-ahead-of-flu-season-1.2220447>

DNA-Based Compound Shuts Down Seasonal Flu in Preclinical Study

Inovio announced its "DNA-based monoclonal antibody [dMAb] product for flu produced broadly cross-reactive antibodies that provided complete protection from a lethal challenge with multiple viruses from both influenza A and B types in a preclinical study"

<https://www.streetwisereports.com/pub/na/dna-based-compound-shuts-down-seasonal-flu-in-preclinical-study>

Academic studies

Scientists explain the mechanism by which adjuvants in vaccines stimulate our immune system

Adjuvants are often included in vaccines to stimulate the immune system and so make a vaccine more effective. Now an A*STAR team has explained a new immune pathway of a commonly used vaccine adjuvant, aluminum salts or 'alum'

<https://biotechin.asia/2017/07/19/scientists-explain-the-mechanism-by-which-adjuvants-in-vaccines-stimulate-our-immune-system/>

The Syk-NFAT-IL-2 Pathway in Dendritic Cells Is Required for Optimal Sterile Immunity Elicited by Alum Adjuvants

<http://www.jimmunol.org/content/198/1/196>

Vaccines promoted as key to stamping out drug-resistant microbes

The battle against drug-resistant superbugs has neglected a key weapon, scientists say: using vaccines to quell the spread of resistance; even vaccines against viral diseases, such as influenza, can help to prevent overuse of antibiotics

<https://www.nature.com/news/vaccines-promoted-as-key-to-stamping-out-drug-resistant-microbes-1.22324>

Skin Vaccination with Microneedle Patch, Influenza Fusion Protein Improves Efficacy of Seasonal Flu Vaccines, Study Finds

A boosting skin vaccination with a biodegradable microneedle patch and protein constructed from sequences of influenza virus subtypes could improve the effectiveness of conventional influenza vaccines, according to a study led by Georgia State University

<http://news.gsu.edu/2017/07/19/skin-vaccination-microneedle-patch-improves-efficacy-seasonal-flu-vaccines/>

Skin vaccination with microneedle patch, influenza fusion protein improves efficacy of flu vaccines

<https://www.sciencedaily.com/releases/2017/07/170719154102.htm>

Pediatric influenza news

Influenza linked to brain disease in kids

Influenza has been linked to a deadly brain disease in Australian children, prompting calls for a universal flu vaccination program for the very young; during the past three flu seasons, 54 cases of potentially fatal influenza associated neurological disease were recorded among children at two Australian hospitals

<http://www.news.com.au/national/breaking-news/influenza-linked-to-brain-disease-in-kids/news-story/cf633324bd2bc>

[cabb57dba73f79e5a4d](#)

Influenza linked to brain disease in kids

<http://www.theaustralian.com.au/news/latest-news/influenza-linked-to-brain-disease-in-kids/news-story/cf633324bd2b>
[ccabb57dba73f79e5a4d](#)

Study links Influenza with brain disease

<http://www.skynews.com.au/news/national/nsw/2017/07/19/study-links-influenza-with-brain-disease.html>

CHP investigating two cases of severe paediatric flu

In Hong Kong, two cases of severe paediatric influenza A infection were reported as public hospitals struggle to cope with a surge of new cases and shortage of doctors during the peak flu season this summer

<http://www.ejinsight.com/20170719-chp-investigating-two-cases-of-severe-pediatric-flu/>

Over 65's influenza news

No News Recorded

General Influenza News

Scientific Evidence about vaccines and the EU Court

Recently news outlets ran headlines saying that the highest court of the European Union ruled, "Vaccines can be blamed for illnesses without proof" or "without scientific evidence", but this ruling was more complicated than the headlines suggest

<http://www.euroscientist.com/scientific-evidence-eu-court/#ixzz4nlZPqytI>

Researcher examines vaccine rejection and hesitancy, calls to promote vaccination

Tara Smith, Ph.D., professor of epidemiology at Kent State University's College of Public Health, challenges statements made by influential individuals who oppose the widespread use of vaccines, and calls upon her colleagues in the scientific community to speak out to promote vaccination

<https://medicalxpress.com/news/2017-07-vaccine-hesitancy-vaccination.html>

Kent State researcher examines vaccine rejection and hesitancy, calls to promote vaccination

https://www.eurekalert.org/pub_releases/2017-07/ksu-ksr071917.php

Vaccine rejection and hesitancy: a review and call to action

<https://academic.oup.com/ofid/article-lookup/doi/10.1093/ofid/ofx146>

FAO to launch early warning app for Egyptian producers

Egyptian poultry producers are to receive a high-tech helping hand to provide them with an early warning system in the battle against avian influenza and other poultry diseases

<http://www.poultryworld.net/Home/General/2017/7/FAO-to-launch-early-warning-app-for-Egyptian-producers-160266E/>

While the Italian Parliament discusses the government's compulsory vaccination decree protestors are outside with placards and banner

In Italy, the decree on compulsory vaccinations proceeds but obstacles abound. Three new amendments have been set aside awaiting a technical report of the Accounting Department

<http://www.unita.tv/focus/vaccini-ancora-proteste-fuori-e-dentro-la-aula-del-senato/>

[**Vaccini, libertà di scelta: Manifestazione Davanti al Senato, il video**](#)

We are not against vaccines but we want freedom of choice - more compulsory vaccination protestors gather

Protestors against the compulsory vaccines decree in Italy say they're not against vaccines but want

the freedom to decide whether or not to immunise their children

<http://www.lastampa.it/2017/07/18/edizioni/verbania/verbania-la-protesta-in-piazza-delle-mamme-sui-vaccini-vogliamo-libert-di-scelta-2gdkPfRoVAHQIMo5bpE4N/pagina.html>

Increase in opting out of vaccinations sparks debate among parents

The debate over whether or not to vaccinate has intensified after the Maine CDC released new data that showed an increase in parents declining to vaccinate their children for non-medical reasons

<http://www.wcsh6.com/news/increase-in-opting-out-of-vaccinations-sparks-debate-among-parents/457747334>

Kyrgyzstan to receive additional 105,000 doses of influenza vaccine

Kyrgyzstan will receive 105,000 doses of influenza vaccine for more than \$1,300,000, and will be provided with expendable materials for vaccination and training of medical workers

<https://akipress.com/news:594934/>

Biosecurity enhancements for county fairs when swine influenza is a concern

County fairs must take the proper precautions to protect their exhibitors, the animals and the public; promoting good hygiene, enhancing biosecurity practices at the fair, go a long way in protecting people and animals from the spread of zoonotic viruses

http://msue.anr.msu.edu/news/biosecurity_enhancements_for_county_fairs_when_swine_influenza_is_a_concern

11 in Clinton County showing flu symptoms

There were 11 people sick with flu-like illness who have an association of visiting the hog barn last week at the Clinton County Fair, Ohio, the Clinton County health commissioner said

<http://www.timesgazette.com/news/18153/11-in-clinton-county-showing-flu-symptoms>

Pregnant woman dies of swine flu in Telangana

A pregnant woman died of swine flu and another person is undergoing treatment for H1N1 in Telangana, India

<http://indiatoday.intoday.in/story/pregnant-woman-dies-of-swine-flu-in-telangana/1/1006152.html>

Why this is the worst flu season in years

New Department of Health national figures are suggesting the number of people with confirmed cases of flu in Australia is higher this year than in recent years. What is likely to make it the 'worst', is the number of cases, rather than a particular flu strain, says Dr Jill Thistlethwaite

<http://www.bodyandsoul.com.au/health/health-news/why-this-is-the-worst-flu-season-in-years/news-story/2f63c6a1cd18f4717e090ccd7bf71b40>

Biodetection Technologies Biothreats and Pathogen Detection: Coverage from the Biodefense World Summit

The Biodefense World Summit had a wide variety of presentations and topics as diverse as the threats themselves, some of which are highlighted here

<http://www.contagionlive.com/contributor/saskia-v-popescu/2017/07/biodetection-technologies-biothreats-and-pathogen-detection-coverage-from-the-biodefense-world-summit>

Swine Flu H3N2 outbreak: Patient Zero Swine

An outbreak of H3N2 Swine Flu has been reported in the Clinton County Fair in Ohio. While there are no human cases yet, people have been cautioned to keep their distance from hogs

<https://www.fabnewz.com/2017/07/19/swine-flu-h3n2-outbreak-patient-zero-swine/>

Burden of disease

50% of all swine flu deaths in country from Maharashtra, says government

As many as 600 people have died of swine flu so far this year, a more than two-fold rise compared to last year, the government said; Maharashtra alone accounted for almost half of all deaths, as it

recorded 284 deaths out of the 2,324 cases reported till July 9

<http://www.freepressjournal.in/mumbai/50-of-all-swine-flu-deaths-in-country-from-maharashtra-says-government/1105864>

Swine Flu: 5 Dead Of H1N1 Virus In Mumbai This Month

According to a statement issued by the Brihanmumbai Municipal Corporation, Mumbai, in the first fortnight of this month, the civic hospitals registered 250 new cases of H1N1

<http://www.ndtv.com/mumbai-news/h1n1-claims-5-lives-in-mumbai-this-month-1726224>

Swine flu returns: Why it is bigger, more dangerous now than in 2016

An explanation as to why H1N1 infections in India are deadlier than before this year

<http://indianexpress.com/article/explained/swine-flu-returns-why-it-is-bigger-more-dangerous-now-than-in-2016/>