

28 August 2008

NOTE: The CB Daily will resume publication on Tuesday, 2 September 2008.

Chem-Bio News

SMITHS DETECTION SECURITY TECHNOLOGIES SELECTED BY U.S. POSTAL

INSPECTION SERVICE FOR MOBILE SCREENING: *"Smiths Detection, part of the global technology business Smiths Group, today announced that a number of its security technologies have been included in the U.S. Postal Inspection Service Mobile Mail Screening Station (MMSS)."*

2. NEW ORAL VACCINE MAY PROTECT AGAINST BUBONIC PLAGUE: *"Researchers from the Institut Pasteur in Paris, France used a less virulent ancestor to the highly infectious bubonic plague to develop a potentially safe, efficient and inexpensive live oral vaccine."*

3. INDIA - HEALTH BILL FACTORS IN BIO-TERROR: *"Titled Public Health (Prevention, Control and Management of Epidemics, Bioterrorism and Disasters) Bill, the act, after cabinet approval, will finally get to replace the 100-year old Epidemic Diseases Act, 1897, providing for better epidemic and disaster management - a critical requirement of the times."*

4. SHARP UNVEILS NEW ANTI-BIRD FLU AIR PURIFIER: *"Japan's Sharp Corp. said Wednesday that it has developed an air purifier that eliminates 99.9 percent of the virulent H5N1 strain of bird flu within 10 minutes."*

5. MANAGERS BRACE FOR '09 BUDGET DELAYS: *"At the Homeland Security Department, it likely means delays in moving to a new headquarters; at the Health and Human Services Department, interruptions in plans to beef up pandemic flu preparedness; and at the Census Bureau, more headaches in readying for the 2010 population count."*

CB Daily Report

Chem-Bio News

SMITHS DETECTION SECURITY TECHNOLOGIES SELECTED BY U.S. POSTAL INSPECTION SERVICE FOR MOBILE SCREENING

Business Wire

August 28, 2008

"Smiths Detection, part of the global technology business Smiths Group, today announced that a number of its security technologies have been included in the U.S. Postal Inspection Service Mobile Mail Screening Station (MMSS). The Postal Inspection Service will debut the MMSS at the Democratic and Republican National Conventions.

The first of its kind, the MMSS will allow postal inspectors to provide accurate and comprehensive mail and parcel screening at high-profile public events, while ensuring a safe

and secure working environment for its postal inspectors. Additionally, the Postal Inspection Service has included FirstView, a sensor management platform developed by Smiths Detection, which will integrate the equipment and sensors with an internal CCTV system to allow for real-time situational monitoring and playback within the MMSS."

"The Smiths Detection security technologies included in the MMSS are:

The GID-3 (24/7), an ambient air monitoring system the Postal Inspection Service will use to continuously examine the air inside the MMSS for toxic industrial chemicals (TICs) and Chemical Warfare Agents CWA's.

The HI-SCAN 7555i X-ray Inspection System, designed to provide primary screening of mail and parcels for weapons, improvised explosive devices (IEDs) and contraband.

The SABRE FR used in conjunction with a DualDraw AirCHX downdraft air filtration table to provide primary screening of mail and parcels for TICs, CWAs and explosives.

The SABRE 4000, a hand-held trace detection system the USPIS will use to provide secondary screening of mail and parcels for explosives.

The HazMatID portable system used to identify unknown powders, liquids, pastes and gels found in and around the MMSS.

The FirstView sensor management platform used to network the detectors and cameras within the MMSS, thus creating an integrated solution to providing synchronized awareness of any event occurring inside the MMSS."

The full article can be found at: http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20080827005181&newsLang=en

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NEW ORAL VACCINE MAY PROTECT AGAINST BUBONIC PLAGUE

Infection Control Today Magazine

August 26, 2008

"Researchers from the Institut Pasteur in Paris, France used a less virulent ancestor to the highly infectious bubonic plague to develop a potentially safe, efficient and inexpensive live oral vaccine. They report their findings in the August 2008 issue of the journal Infection and Immunity."

The full article can be found at: <http://www.infectioncontrolday.com/hotnews/oral-vaccine-against-bubonic-plague.html>

The original article can be found at: T. Blisnick, P. Ave, M. Huerre, E. Carniel, C.E. Demeure. 2008. "Oral vaccination against bubonic plague using a live avirulent Yersinia pseudotuberculosis strain". Infection and Immunity, 76. 8: 3808-3816. Link not available.

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INDIA - HEALTH BILL FACTORS IN BIO-TERROR

By Aditi Tandon
The Tribune [IN]
August 25, 2008

“Realising the potential of terrorist attacks, the government has named bioterrorism as a major public health challenge under its brand new legislation on the subject.

The very title of the just-drafted public health bill reflects the urgency to combat new-age infections and threats, including disasters like Tsunami, epidemics like Mad Cow Disease, Avian Influenza and SARS.

Titled Public Health (Prevention, Control and Management of Epidemics, Bioterrorism and Disasters) Bill, the act, after cabinet approval, will finally get to replace the 100-year old Epidemic Diseases Act, 1897, providing for better epidemic and disaster management - a critical requirement of the times.”

“The Act, in its present form, lists 32 epidemic prone diseases and 34 potential bioterrorism agents like the smallpox virus that can be spread from person to person and, anthrax, among others. The importance of the new legislation lies in its enhanced punishment for allowing diseases to spread.

The bill further gives power to local authorities to direct and prohibit certain activities (through public notice) to prevent the outbreak of epidemic and curb acts of bioterrorism which can disastrously impact human health. The measure has been included for immediate response.”

The full article can be found at: <http://www.tribuneindia.com/2008/20080826/main7.htm>

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SHARP UNVEILS NEW ANTI-BIRD FLU AIR PURIFIER

Physorg
August 27, 2008

“Japan's Sharp Corp. said Wednesday that it has developed an air purifier that eliminates 99.9 percent of the virulent H5N1 strain of bird flu within 10 minutes.

The system has been improved from an earlier version which was shown in 2005 to have eliminated 99 percent of the H5N1 virus when airborne, Sharp official Kenji Ota told reporters.

The plasmacluster ion technology, developed in 2000, disables airborne micro-organisms by releasing positive and negative ions into the air."

The full article can be found at: <http://www.physorg.com/news139046671.html>

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MANAGERS BRACE FOR '09 BUDGET DELAYS

By Gregg Carlstrom

FederalTimes.com

August 26, 2008

"Most experts expect the government will run on continuing resolutions for the early part of the coming fiscal year, which starts Oct. 1. So managers are already bracing for the impact of no increase in budgets.

At the Homeland Security Department, it likely means delays in moving to a new headquarters; at the Health and Human Services Department, interruptions in plans to beef up pandemic flu preparedness; and at the Census Bureau, more headaches in readying for the 2010 population count.

Congressional leaders admit they've fallen behind on this year's appropriations bills: More than half of the House's spending bills are still lodged in their subcommittees. And legislators plan to adjourn for the year in late September, just weeks after returning from their summer recess."

The full article can be found at: <http://federaltimes.com/index.php?S=3692118>

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