

20 October 2008

Chem-Bio News

1. CLEVELAND BIOLABS DOSES FIRST PATIENT IN RADIATION INJURY TREATMENT STUDY:

"Cleveland BioLabs, a drug discovery and development company, has dosed the first healthy volunteer in the initial human safety study for Protectan CBLB502, a drug under development for the treatment of acute radiation syndrome."

2. UNIVERSAL DETECTION TECHNOLOGY RECEIVES PURCHASE ORDER FOR ITS ANTHRAX DETECTION EQUIPMENT FROM THE FEDERAL AVIATION ADMINISTRATION:

"The detection equipment is designed to check for anthrax and can return results in as little as 3 minutes."

3. EMERGENCY DECLARATIONS SMOOTH WAY FOR VACCINE MAKERS: *"In a little noticed move, federal officials this month have declared a series of public health emergencies relating to potential weapons of biological terror."*

4. OIL DRILLING COULD DISRUPT CHEMICAL WEAPONS OFF N.J. COAST: *"Last month, Congress voted to open waters off the Atlantic and Pacific coasts to oil and gas drilling - but only 50 or more miles out to sea and only if a state agrees to energy exploration off its shore. Beyond 100 miles, no state approval would be required."*

Chem-Demil News

1. SOUTH KOREA COMPLETES CHEMICAL WEAPONS DISPOSAL: *"A chemical-armed nation, widely assumed to be South Korea, has finished destroying its stockpile under a global treaty, U.S. and international disarmament officials said this week."*

CB Daily Report

Chem-Bio News

CLEVELAND BIOLABS DOSES FIRST PATIENT IN RADIATION INJURY TREATMENT STUDY

Pharmaceutical Business Review
October 17, 2008

"Cleveland BioLabs, a drug discovery and development company, has dosed the first healthy volunteer in the initial human safety study for Protectan CBLB502, a drug under development for the treatment of acute radiation syndrome."

"Protectan CBLB502 is being developed under the FDA's animal efficacy rule to treat radiation injury following exposure to radiation from nuclear or radiological weapons, or from nuclear accident. This approval pathway requires demonstration of efficacy in representative

animal models and safety and drug metabolism testing in a representative sample of healthy human volunteers. Cleveland BioLabs has received two development contracts totaling \$22.2 million from the Biomedical Advanced Research and Development Authority of the of the Department of Health and Human Services and the Department of Defense for the advanced development of its lead tissue protection compound, Protectan CBLB502, as a radiation countermeasure. These two awards are expected to support the final stages of Protectan CBLB502's development necessary for submission to the FDA for approval."

The full article can be found at: http://www.pharmaceutical-business-review.com/article_news.asp?guid=F90AF476-E94B-49F3-87AF-4C114A5A3621

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UNIVERSAL DETECTION TECHNOLOGY RECEIVES PURCHASE ORDER FOR ITS ANTHRAX DETECTION EQUIPMENT FROM THE FEDERAL AVIATION ADMINISTRATION

MarketWatch

October 20, 2008

"Universal Detection Technology, a developer of early-warning monitoring technologies to protect people from bioterrorism and other infectious health threats and provider of counter-terrorism consulting and training services, reported today that it has received a purchase order for its anthrax detection equipment from the Federal Aviation Administration. The detection equipment is designed to check for anthrax and can return results in as little as 3 minutes."

"UNDT's anthrax detection equipment has been extensively used by first responders and private industry throughout the country. The equipment has been evaluated by the U.S. DOD as well as the United Kingdom military. The equipments capacities include:

- * No cross-reactivity with near neighbor strains
- * No cross-reactivity to household powders
- * No set up time
- * No expensive reader needed
- * No decontamination requirements
- * No false positives
- * No false negatives
- * No hook effect"

The full article can be found at: <http://www.marketwatch.com/news/story/universal-detection-technology-receives-purchase/story.aspx?guid={13A2A1E5-6E4A-4EA6-BA58-6COD1BABE333}&dist=hppr>

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EMERGENCY DECLARATIONS SMOOTH WAY FOR VACCINE MAKERS

By Alan Bavley
The Kansas City Star
October 20, 2008

"In a little noticed move, federal officials this month have declared a series of public health emergencies relating to potential weapons of biological terror.

On Oct. 1, Health and Human Services Secretary Mike Leavitt declared an anthrax public health emergency. On Oct. 10, he declared health emergencies for smallpox, radiation sickness from the detonation of a nuclear device and poisoning from botulinum toxins, the active ingredient of Botox.

There's no clear evidence that terrorists have managed to weaponize anthrax or stolen large caches of Botox from cosmetic surgeons in Beverly Hills.

But by declaring these public health emergencies, HHS has granted manufacturers of anti-terrorism drugs and vaccines and others involved with the products protection from lawsuits if the drugs were to cause unfortunate side effects."

The full article can be found at: <http://www.kansascity.com/105/story/846427.html>

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OIL DRILLING COULD DISRUPT CHEMICAL WEAPONS OFF N.J. COAST

The Press of Atlantic City [NJ]
October 19, 2008

"The U.S. Army has admitted to dumping 64 million pounds of chemical weapons into U.S. waters from World War I until the early 1970s.

Last month, Congress voted to open waters off the Atlantic and Pacific coasts to oil and gas drilling - but only 50 or more miles out to sea and only if a state agrees to energy exploration off its shore. Beyond 100 miles, no state approval would be required.

On Friday afternoon, a spokesman for Gov. Jon S. Corzine said the governor remains opposed to the idea. Last month, Corzine said an energy plan that focuses on offshore drilling poses threats to the environment and New Jersey's vital tourism and fishing industries."

"The report [a 2007 report prepared by the Congressional Research Service] states the primary obstacle is locating the weapons in the ocean. The lack of coordinates for most of the disposal sites, and the possibility that ocean currents may have moved the weapons beyond the dump areas, makes finding the weapons difficult at best if not impracticable in some cases, according to the report."

"Beginning in 1957, 48 one-ton containers of lewisite were dumped off the coast of New

Jersey; in 1967 4,577 one-ton containers of mustard agent and 7,380 M55 sarin gas rockets in concrete vaults were dumped there. According to the report, the next year 38 one-ton containers of sarin gas and VX nerve gas were dumped, as well as 1,460 vaults of M55 sarin gas and VX rockets and 120 drums of arsenic and cyanide canisters."

The full article can be found at: <http://www.pressofatlanticcity.com/179/v-print/story/289801.html>

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Chem-Demil News

SOUTH KOREA COMPLETES CHEMICAL WEAPONS DISPOSAL

By Chris Schneidmiller
Global Security Newswire
October 17, 2008

"A chemical-armed nation, widely assumed to be South Korea, has finished destroying its stockpile under a global treaty, U.S. and international disarmament officials said this week."

"In 2008 another milestone was marked in the history of chemical disarmament when, on 10 July, a state party completed the destruction of its entire chemical weapons stockpile," Rogelio Pfirter, head of the Organization for the Prohibition of Chemical Weapons, said during an address Wednesday at the United Nations."

The full article can be found at: http://gsn.nti.org/gsn/ts_20081017_3838.php

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