

Chem-Bio News

- 1. DEFECTOR: NORTH KOREA TO KEEP NUKE PLAN:** *"Pyongyang will never abandon its nuclear development program, but the belligerent dictatorship of Kim Jong Il will not launch a nuclear attack, according to the highest-level defector from North Korea."*
- 2. HARNESSING THE WEB TO TRACK PATHOGENS AS THEY EVOLVE:** *"Developed by researchers that include scientists at the American Museum of Natural History, Supramap is a new, powerful, web-based application that maps genetic mutations like those among the different strains of avian influenza onto the globe. The new application is published in the early online edition of Cladistics."*
- 3. TELEHEALTH AND MOBILE COMMUNICATIONS: THE NEW FRONTIER IN MODERN EMERGENCY PREPAREDNESS:** *"On April 19, the Brookings Institution will host a policy discussion on how health technology, mobile communications and telehealth can spur more efficient and effective care for disaster survivors, as well as better equip first responders."*
- 4. FIVE INDIANS INJURED BY DIRTY BOMB MATERIAL IN DELHI MARKET:** *"Five people suffering serious burns were hospitalized in West New Delhi this week from contact with radioactive material in a Delhi scrap market identified as Cobalt-60 which may be used for making a dirty bomb."*
- 5. PAKISTAN OFFERS GLOBAL NUCLEAR FUEL SERVICES AGAIN:** *"As a country with advanced fuel capability, Pakistan is in a position to provide nuclear fuel cycle services under IAEA (U.N. International Atomic Energy Agency) safeguards, and to participate in any non-discriminatory nuclear fuel cycle assurance mechanism," Gilani's statement said."*
- 6. IRAN: WE'LL HAVE NUCLEAR BOMB 'WITHIN MONTH:** *"Iran will join the global nuclear club within one month, according to the deputy research chief of the Islamic republic's Atomic Energy of Iran (AEOI)."*

CB Daily Report

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DEFECTOR: NORTH KOREA TO KEEP NUKE PLAN

By Hwang Jang Yop
The Asahi Shimbun
April 10, 2010

"Pyongyang will never abandon its nuclear development program, but the belligerent dictatorship of Kim Jong Il will not launch a nuclear attack, according to the highest-level defector from North Korea.

Hwang Jang Yop, who served as secretary of the Workers' Party of Korea and was an aide to Kim, also said in an interview with The Asahi Shimbun on Thursday that Japanese citizens abducted by the reclusive country might still be alive.

Hwang, who defected to South Korea in 1997, visited Japan from Sunday through Thursday. It was his first trip to Japan in 13 years.

The full article can be found at: <http://www.asahi.com/english/TKY201004090421.html>
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HARNESSING THE WEB TO TRACK PATHOGENS AS THEY EVOLVE

Infection Control Today Magazine

April 12, 2010

“Developed by researchers that include scientists at the American Museum of Natural History, Supramap is a new, powerful, web-based application that maps genetic mutations like those among the different strains of avian influenza onto the globe. The new application is published in the early online edition of Cladistics.

"Supramap does more than put points on a map—it is tracking a pathogen's evolution," says Daniel A. Janies, first author of the paper and an associate professor at Ohio State University. "We package the tools in an easy-to-use Web-based application so that you don't need a Ph.D. in evolutionary biology and computer science to understand the trajectory and transmission of a disease."

"This tool also has a lot of predictive power," says lead author Ward Wheeler, curator in the Division of Invertebrate Zoology at the American Museum of Natural History. "If the movement of a pathogen is related to bird flyways, and those routes are shifting because of something like climate change, we can predict where the disease might logically emerge next."

The full article can be found at: <http://www.infectioncontroltoday.com/hotnews/tracking-evolving-pathogens.html>

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TELEHEALTH AND MOBILE COMMUNICATIONS: THE NEW FRONTIER IN MODERN EMERGENCY PREPAREDNESS

The Brookings Institution

April 13, 2010

“On April 19, the Brookings Institution will host a policy discussion on how health technology, mobile communications and telehealth can spur more efficient and effective care for disaster survivors, as well as better equip first responders. The event will also focus on the investment required to support a technologically enhanced emergency preparedness system. Darrell West, Brookings vice president and director of Governance Studies, will moderate a panel of disaster relief and emergency management experts including Alexander Vo of the University of Texas at Galveston, Marion Orr of Brown University, and Joe Becker of the American Red Cross.

After the program, panelists will take audience questions.”

The full article can be found at: http://www.brookings.edu/events/2010/0419_telehealth.aspx

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FIVE INDIANS INJURED BY DIRTY BOMB MATERIAL IN DELHI MARKET

DEBKAFfile.com

April 12, 2010

“Five people suffering serious burns were hospitalized in West New Delhi this week from contact with radioactive material in a Delhi scrap market identified as Cobalt-60 which may be used for making a dirty bomb. Indian police cordoned off the 200 market stores and sealed nearby establishments up to a one-kilometer radius. Scrap dealer Deepak Jain and his helpers lost consciousness when they cut a piece of scrap metal. A white fluid oozed out causing the burns, Jain's hair fell out and within minutes his skin turned black. His workers suffered and nausea.”

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“Nuclear scientists from the Baba Atomic Research Center and Narora Atomic Power Plant identified the material and are working around the clock to investigate its source.”

The full article can be found at: <http://www.debka.com/article/8711/>
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PAKISTAN OFFERS GLOBAL NUCLEAR FUEL SERVICES AGAIN

By Louis Charbonneau
Reuters
April 13, 2010

“Pakistan, the country of the disgraced nuclear scientist who provided Iran, Libya and North Korea with uranium enrichment technology, is once again offering its atomic fuel services to the world.

Pakistan's Prime Minister Yusuf Raza Gilani made the public offer in a statement of his country's commitments presented at U.S. President Barack Obama's two-day summit on nuclear security. The written statement was distributed on Tuesday.

"As a country with advanced fuel capability, Pakistan is in a position to provide nuclear fuel cycle services under IAEA (U.N. International Atomic Energy Agency) safeguards, and to participate in any non-discriminatory nuclear fuel cycle assurance mechanism," Gilani's statement said."

The full article can be found at: <http://www.alertnet.org/thenews/newsdesk/N13108540.htm>
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IRAN: WE'LL HAVE NUCLEAR BOMB 'WITHIN MONTH'

Newsmax.com
April 13, 2010

“Iran will join the global nuclear club within one month, according to the deputy research chief of the Islamic republic's Atomic Energy of Iran (AEOI).

Fars on Tuesday quoted Behzad Soltani, who also serves as the secretary-general of the AEOI's Scientific Cooperation Council, as saying that “no country would ever think about attacking Iran” once the nuclear threshold has been crossed.

"We do not intend to use the peaceful nuclear energy merely for generating electricity and energy, rather our next step would be expanding use of this technology," Soltani reportedly said. Radiation, he said, can ensure that “foodstuff, proteins and vegetables are preserved for a longer time and with a higher quality.”

Soltani added that construction work on a large-scale nuclear powerplant and a smaller research reactor in the Iranian city of Arak is nearing completion and is now at 70 percent.”

The full article can be found at: <http://newsmax.com/Newsfront/iran-nuclear-bomb-within/2010/04/13/id/355618>
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