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## **Chem-Bio News**

- 1. LITIGANTS ARGUE U.S. REGULATORS LACKED BASIS TO OK ANTHRAX VACCINE:** *"The Food and Drug Administration violated its own regulations three years ago in approving the anthrax vaccine to prevent infection by a "weaponized" form of the disease, attorneys for eight Defense Department employees alleged in a brief filed last week at the U.S. Court of Appeals."*
- 2. FORMER TOP MILITARY BRASS SAY BRITISH NUCLEAR DETERRENT USELESS:** *"The signatories are Field Marshal Lord Bramall, a former head of the armed forces, and retired generals Lord David Ramsbotham and Sir Hugh Beach."*
- 3. A NEW CLASS OF RADIATION DETECTION MATERIALS:** *"Scientists from the Sandia National Laboratories in California have now proposed that metal-organic frameworks (MOFs) could potentially offer the desired level of structural control, leading to an entirely new class of radiation detection materials."*
- 4. CDC INTERIM GUIDANCE FOR REVACCINATION OF ELIGIBLE PERSONS WHO PARTICIPATED IN THE US CIVILIAN SMALLPOX PREPAREDNESS AND RESPONSE PROGRAM:** *"The purpose of this document is to propose a recommendation for an appropriate time-interval for revaccination of public health and health care volunteers who were vaccinated as responders in the US Civilian Smallpox Preparedness and Response Program. This document addresses only the revaccination of public health and healthcare volunteers and does not address routine revaccination guidance for laboratory workers or primary vaccination of emergency responders."*

# **CB Daily Report**

## **Chem-Bio News**

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### **LITIGANTS ARGUE U.S. REGULATORS LACKED BASIS TO OK ANTHRAX VACCINE**

By Elaine M. Grossman

Global Security Newswire  
January 16, 2009

"The Food and Drug Administration violated its own regulations three years ago in approving the anthrax vaccine to prevent infection by a "weaponized" form of the disease, attorneys for eight Defense Department employees alleged in a brief filed last week at the U.S. Court of Appeals.

The Pentagon began a vaccination program for more than 1 million service personnel in 1998, during the Clinton administration, and continued the effort under President George W. Bush. However, compulsory shots were suspended from late 2003 through early 2007, after a federal judge found the Pentagon lacked the legal authority to compel inoculations for an unapproved use of the vaccine.

Critics have voiced concern that it is unclear how useful anthrax vaccine is in preventing the highly lethal disease from being contracted through inhalation, and have called attention to the possible risks associated with giving the inoculations to a large population."

The full article can be found at: [http://gsn.nti.org/gsn/nw\\_20090116\\_6687.php](http://gsn.nti.org/gsn/nw_20090116_6687.php)

[Return to Top](#)

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### **FORMER TOP MILITARY BRASS SAY BRITISH NUCLEAR DETERRENT USELESS**

Agence France-Presse on Defence Talk.com

January 16, 2009

““Nuclear weapons have shown themselves to be completely useless as a deterrent to the threats and scale of violence we currently, or are likely to, face -- particularly international terrorism,” they wrote in The Times.

The idea of an independent deterrent was redundant, they said, as it was "unthinkable" that Britain would launch its nuclear weapons without the backing and support of the United States.

Lawmakers voted in March 2007 to renew the Trident submarine nuclear missile system, at a cost of about 20 billion pounds (now 30 billion dollars, 22 billion euros), arguing it was an integral part of Britain's national defence.

But a significant number of lawmakers in then prime minister Tony Blair's ruling Labour party opposed the move, arguing that renewing Trident breached the nuclear Non-Proliferation Treaty and was too costly.

In their letter, the retired military officers said the advantages of being in the nuclear club -- all the permanent members of the UN Security Council have nuclear weapons -- "no longer has the resonance it once did".

"Political clout derives much more from economic strength," they said.

The money would be better spent on equipment for Britain's armed forces, they said, noting: "In the present economic climate it may well prove impossible to afford both."

The signatories are Field Marshal Lord Bramall, a former head of the armed forces, and retired generals Lord David Ramsbotham and Sir Hugh Beach."

The full article can be found at:

[http://www.defencetalk.com/news/publish/wmd/Former\\_top\\_military\\_brass\\_say\\_British\\_nuclear\\_deterrent\\_useless170016927.php](http://www.defencetalk.com/news/publish/wmd/Former_top_military_brass_say_British_nuclear_deterrent_useless170016927.php)

[Return to Top](#)

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## **A NEW CLASS OF RADIATION DETECTION MATERIALS**

By Michael Berger

Nanowerk.com

January 14, 2009

“Scientists from the Sandia National Laboratories in California have now proposed that metal-organic frameworks (MOFs) could potentially offer the desired level of structural control, leading to an entirely new class of radiation detection materials.

"MOFs are crystalline materials consisting of metal clusters linked by coordinating organic groups," explains Mark Allendorf, who leads efforts at Sandia to develop both the fundamental science and applications of MOFs. "In our recent work, we have found that MOFs can be made to scintillate and that the materials tested are exceptionally robust against radiation damage. Our results demonstrate that control over both the electronic structure and local environment of a chromophore are possible in MOFs."

The full article can be found at: <http://www.nanowerk.com/spotlight/spotid=8878.php>

[Return to Top](#)

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## **CDC INTERIM GUIDANCE FOR REVACCINATION OF ELIGIBLE PERSONS WHO PARTICIPATED IN THE US CIVILIAN SMALLPOX PREPAREDNESS AND RESPONSE PROGRAM**

US Centers for Disease Control and Prevention

dated October 2008 but released 15 January 2009

“The purpose of this document is to propose a recommendation for an appropriate time-interval for revaccination of public health and health care volunteers who were vaccinated as responders in the US Civilian Smallpox Preparedness and Response Program. This document addresses only the revaccination of public health and healthcare volunteers and does not address routine revaccination guidance for laboratory workers or primary vaccination of emergency responders. “

The full article can be found at: <http://emergency.cdc.gov/agent/smallpox/revaxmemo.asp>  
[Return to Top](#)

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