

Biological Warfare Agents

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Recent Publications on Biological Warfare Agents:



- [Smarter regulations: commentary on "Responsible conduct by life scientists in an age of terrorism".](#)
In the United States a rapidly increasing regulatory burden for life... 5th November, 2009
Texas Tech University School of Law, Lubbock, TX 79409-0004, USA.- *Sci Eng Ethics*. 2009 Sep;15(3):303-9. Epub 2009 Jul 10. ([DOI Direct Link](#))
- [Responsible conduct by life scientists in an age of terrorism.](#)
The potential for dual use of research in the life sciences to be misused... 5th November, 2009
Center for Health Hazards Preparedness, University of Louisville,- *Sci Eng Ethics*. 2009 Sep;15(3):293-301. Epub 2009 May 7. ([DOI Direct Link](#))
- [Clostridium perfringens vaccines.](#)
Both Clostridium perfringens spores and toxins have reportedly been... 20th October, 2009
School of Biosciences, Geoffrey Pope Building, University of Exeter, Devon- *Vaccine*. 2009 Nov 5;27 Suppl 4:D44-7. ([DOI Direct Link](#))
- [Biologists napping while work militarized.](#)
As researchers discover more agents that alter mental states, the Chemical... 24th September, 2009
Department of Peace Studies, University of Bradford, Richmond Road,- *Nature*. 2009 Aug 20;460(7258):950-1. ([DOI Direct Link](#))
- [A question of control.](#)
Scientists must address the ethics of using neuroactive compounds to quash... 24th September, 2009
- *Nature*. 2009 Aug 20;460(7258):933. ([DOI Direct Link](#))
- [Simultaneous quantification of five bacterial and plant toxins from complex matrices using a multiplexed fluorescent magnetic suspension assay.](#)
Proteotoxins such as ricin, abrin, botulinum neurotoxins type A and B... 22nd September, 2009
Center for Biological Safety, Microbial Toxins (ZBS3), Robert- *Analyst*. 2009 Oct;134(10):2028-39. Epub 2009 Aug 21. ([DOI Direct Link](#))
- [Increase in the ozone decay time in acidic ozone water and its effects on sterilization of biological warfare agents.](#)
The sterilization properties of ozone in acidic water are investigated in... 12th September, 2009
Department of Molecular Science and Technology, Ajou University, San 5- *J Hazard Mater*. 2009 Sep 15;168(2-3):1595-601. Epub 2009 Mar 21. ([DOI Direct Link](#))
- [Biosecurity. Discovery of untracked pathogen vials at army lab sparks concerns.](#)
In the United States a rapidly increasing regulatory burden for life... 11th July, 2009
- *Science*. 2009 Jun 26;324(5935):1626. ([DOI Direct Link](#))
- [Comparative genomic analysis of a neurotoxic Clostridium species using partial genome sequence:](#)

[Phylogenetic analysis of a few conserved proteins involved in cellular processes and metabolism.](#)

*Clostridial organisms produce neurotoxins, which are generally regarded as...*17th June, 2009

Biotechnology Division, Defence Research & Development Establishment,- Anaerobe. 2009 Jun 13. (

[DOI Direct Link](#))

• [Bioanalytical applications of SERS \(surface-enhanced Raman spectroscopy\).](#)

*Surface-enhanced Raman scattering (SERS) is a powerful technique for...*12th June, 2009

235 H.L. Hunter Laboratories, Clemson, SC 29631, USA.- Anal Bioanal Chem. 2009

Jun;394(3):679-86. Epub 2009 Apr 4. ([DOI Direct Link](#))

• [Antibody production, design and use for biosensor-based applications.](#)

*Currently, the reliable detection and quantification of a multitude of...*30th May, 2009

Biomedical Diagnostics Institute, National Centre for Sensor Research,- Semin Cell Dev Biol. 2009

Feb;20(1):10-26. Epub 2009 Feb 4. ([DOI Direct Link](#))

• [PTSD prevalence, associated exposures, and functional health outcomes in a large, population-based military cohort.](#)

*OBJECTIVES: Posttraumatic stress disorder (PTSD) results from experiencing...*27th May, 2009

Department of Defense Center for Deployment Health Research, Naval Health- Public Health Rep.

2009 Jan-Feb;124(1):90-102.

• [UV light inactivation of bacterial biothreat agents.](#)

*Seven species of bacterial biothreat agents were tested for susceptibility...*19th May, 2009

Centers for Disease Control and Prevention, NCID/DHQP/ILB, 1600 Clifton- Appl Environ Microbiol.

2009 May;75(9):2987-90. Epub 2009 Mar 6. ([DOI Direct Link](#))

• [Lab on a chip genotyping for Brucella spp. based on 15-loci multi locus VNTR analysis.](#)

*BACKGROUND: Brucellosis is an important zoonosis caused by the genus...*5th May, 2009

Sezione di Istologia e Biologia molecolare, Centro Studi e Ricerche di- BMC Microbiol. 2009 Apr

7;9:66. ([DOI Direct Link](#))

• [The Ventriloscope\(R\): 'Am I hearing things?'](#)

*Background: Knowledge of the benefits of incorporating medical simulation...*17th March, 2009

Northeastern Ohio Universities Colleges of Medicine and Pharmacy- Med Teach. 2009;31(3):e97-e101.

([DOI Direct Link](#))

Biological Warfare Agents Patents:



- 7511809- [Air sampler module for enhancing the detection capabilities of a chemical detection device or system](#)
- 7542137- [Pathogen detection using coherent anti-stokes Raman scattering microscopy](#)
- 7542138- [Sample container and system for a handheld spectrometer and method for using therefor](#)
- 7542991- [Computerized hazardous material response tool](#)
- 7543478- [Device and method for detecting hazardous material in mail](#)
- 7548310- [Method and apparatus for compact spectrometer for multipoint sampling of an object](#)
- 7553446- [Biological agent decontamination system and method](#)
- 7560239- [Homogeneous enzyme immunoassay for simultaneous detection of multiple analytes](#)
- 7560433- [Treatment of multiple sclerosis \(MS\)](#)
- 7563614- [Systems and methods for rapidly changing the solution environment around sensors](#)
- 7564408- [Sensor network and method for monitoring a terrain](#)

- [7537768- Influenza virus vaccine composition and methods of use](#)
- [7537702- Water purification system and modes of operation](#)
- [7534241- Micro-reservoir osmotic release systems and microtube array device](#)
- [7514674- Octapole ion trap mass spectrometers and related methods](#)
- [7517568- Packaging for dilute hypochlorite](#)
- [7517820- Polymers for water-permeable protective materials](#)
- [7518029- Process for destruction of gelled sulphur mustard](#)
- [7518723- Systems and methods for detecting radiation, biotoxin, chemical, and biological warfare agents using a multiple angle light scattering \(MALS\) instrument](#)
- [7521026- Field-enhanced electrodes for additive-injection non-thermal plasma \(NTP\) processor](#)
- [7527200- Planar laser illumination and imaging \(PLIIM\) systems with integrated despeckling mechanisms provided therein](#)
- [7527783- Methods for deactivating allergens and preventing disease](#)
- [7531132- Chemical and biological warfare agent decontaminating methods using dioxirane producing formulations](#)
- [7531803- Method and system for transmitting terahertz pulses](#)
- [7569181- Method and apparatus for photosensitized ultraviolet decontamination of surfaces and aerosol clouds](#)
- [7572623- Cell separation using electric fields](#)
- [7604780- Ozone disinfection apparatus](#)
- [7606274- Mid-IR instrument for analyzing a gaseous sample and method for using the same](#)
- [7608186- Coated asymmetric membrane system having oleophobic and hydrophilic properties](#)
- [7608237- Synthesis of nanostructured materials using liquid crystalline templates](#)
- [7611860- Indicator for in-situ detecting of lysozyme](#)
- [7611908- Method and apparatus for therapeutic drug monitoring using an acoustic device](#)
- [7612047- Degradation-resistant mononucleoside phosphate compounds](#)
- [7615340- Electronic detection of interaction and detection of interaction based on the interruption of flow](#)
- [7615381- Method and apparatus for detecting estradiol and metabolites thereof using an acoustic device](#)
- [7619036- Copolymers of fluorinated polydienes and sulfonated polystyrene](#)
- [7602307- Portable modular detection system](#)
- [7601286- Polymer-based platform for microfluidic systems](#)
- [7601249- Method and apparatus for assay of electrochemical properties](#)
- [7575739- Foamable iodine composition](#)
- [7579182- Use of cross-protection to identify novel vaccine candidates for infectious agents](#)
- [7592500- Activated oxidizing vapor treatment method](#)
- [7595104- NBC barrier adhesive tape structure](#)
- [7595160- Analyte detection using barcoded polymers](#)
- [7597855- Adaptive membrane structure](#)
- [7597936- Method of producing a pigmented composite microporous material](#)
- [7598091- Micromachined diagnostic device with controlled flow of fluid and reaction](#)
- [7598094- Methods and apparatus for detecting cardiac injury markers using an acoustic device](#)
- [7598199- Catalytic nanoparticles for nerve-agent destruction](#)
- [7620148- X-ray diffraction \(Xrd\) means for identifying the content in a volume of interest and a method thereof](#)

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