

Biological Weapons

[View the current Biological Weapons InDepth page on BioPortfolio.com \(PDF\)](#)

(http://www.bioportfolio.com/indepth/Biological_Weapons.html) - Regularly Updated.

Recent Publications on Biological Weapons:



- [Ricin as a weapon of mass terror--separating fact from fiction.](#)
*In recent years there has been an increased concern regarding the...*13th November, 2009
National Poisons Centre, University of Otago, Dunedin, New Zealand.- *Environ Int.* 2009 Nov;35(8):1267-71. Epub 2009 Sep 19. ([DOI Direct Link](#))
- [Bacillus anthracis, Francisella tularensis and Yersinia pestis. The most important bacterial warfare agents - review.](#)
*There are three most important bacterial causative agents of serious...*15th October, 2009
Center of Advanced Studies and Department of Toxicology, Faculty of- *Folia Microbiol (Praha).* 2009;54(4):263-72. Epub 2009 Oct 14. ([DOI Direct Link](#))
- [Governance of dual-use research: an ethical dilemma.](#)
*Scenarios where the results of well-intentioned scientific research can be...*29th September, 2009
Centre for Applied Philosophy and Public Ethics (CAPPE), Australian- *Bull World Health Organ.* 2009 Sep;87(9):720-3.
- [A quadruplexed real-time PCR assay for rapid detection and differentiation of the Clostridium botulinum toxin genes A, B, E and F.](#)
*Clostridium botulinum is the etiologic agent of botulism, a disease marked...*26th September, 2009
1 Brigham Young University;- *J Med Microbiol.* 2009 Sep 24. ([DOI Direct Link](#))
- [Differentiation of Variola major and Variola minor variants by MGB-Eclipse probe melt curves and genotyping analysis.](#)
*Smallpox, caused by the Variola major virus, is considered to be one of...*21st August, 2009
Diagnostic Systems Division, Systems Development Branch, United States- *Mol Cell Probes.* 2009 Jun-Aug;23(3-4):166-70. Epub 2009 Apr 5. ([DOI Direct Link](#))
- [Preventing the development and use of biological weapons.](#)
*Smallpox, caused by the Variola major virus, is considered to be one of...*12th August, 2009
- *Biosecur Bioterror.* 2009 Mar;7(1):31-2. ([DOI Direct Link](#))
- [Epidemiological data on health of military personnel participating in the UK's chemical defence programme.](#)
*A January, 2009 report that burning bitumen and sulphur had been used by...*25th July, 2009
Gloucestershire, GL6 9AL, United Kingdom.- *J Epidemiol Community Health.* 2009 Jul 21. ([DOI Direct Link](#))
- [Preparedness for an anthrax attack.](#)
*Bacillus anthracis is a long-known bacterial organism with a uniquely...*22nd July, 2009

- Midwest Research- Mol Aspects Med. 2009 Dec;30(6):503-10. Epub 2009 Jul 18. ([DOI Direct Link](#))
- [A PRECAUTIONARY PRINCIPLE FOR DUAL USE RESEARCH IN THE LIFE SCIENCES.](#)
*ABSTRACT Most life science research entails dual-use complexity and may be...*15th July, 2009
Centre for Research Ethics & Bioethics, Uppsala University, Sweden.- Bioethics. 2009 Jul 7. ([DOI Direct Link](#))
- [Is all fair in biological warfare? The controversy over genetically engineered biological weapons.](#)
*Advances in genetics may soon make possible the development of ethnic...*2nd July, 2009
- J Med Ethics. 2009 Jul;35(7):429-32. ([DOI Direct Link](#))
- [Tinkering with the survival lottery during a public health crisis.](#)
*A well-known thought experiment has us ponder a lottery system that...*26th June, 2009
Department of Philosophy, Montclair State University, Montclair, NJ 07043,- J Med Philos. 2009 Apr;34(2):181-94. Epub 2009 Feb 25. ([DOI Direct Link](#))
- [The development of the norm against the use of poison: what literature tells us.](#)
*The use of chemical and biological weapons on the battlefield is...*6th March, 2009
Fitchburg State College, 160 Pearl Street, Fitchburg, Massachusetts- Politics Life Sci. 2008 Mar;27(1):55-77.
- [The bioscience revolution & the biological weapons threat: levers & interventions.](#)
*ABSTRACT: In December 2008, the US Commission on the Prevention of Weapons...*18th February, 2009
Warren Alpert Medical School, Brown University, Providence, Rhode Island,- Global Health. 2009 Feb 16;5:3. ([DOI Direct Link](#))
- [A role for the host coatomer and KDEL receptor in early vaccinia biogenesis.](#)
*Members of the poxvirus family have been investigated for their...*14th February, 2009
Division of Rheumatology, Immunology, and Allergy, Brigham and Women's- Proc Natl Acad Sci U S A. 2009 Jan 6;106(1):163-8. Epub 2008 Dec 24. ([DOI Direct Link](#))
- [\[The dirty dozen\]](#)
*The term "the dirty dozen" refers to the 12 biological agents such as, for...*3rd February, 2009
Klinik fur Anesthesie und Intensivmedizin, Universitätsklinikum Giessen- Anesthesiol Intensivmed Notfallmed Schmerzther. 2009 Jan;44(1):28-9. Epub ([DOI Direct Link](#))

Biological Weapons Patents:



- 7411543- [Maximum-likelihood rocket identifier](#)
- 7503230- [Biobriefcase aerosol collector heater](#)
- 7504369- [Methods and compositions for decontaminating surfaces exposed to chemical and/or biological warfare compounds](#)
- 7504384- [Use of lipid conjugates in the treatment of infection](#)
- 7507196- [Antisense antiviral compounds and methods for treating a filovirus infection](#)
- 7515801- [Coherent terahertz radiation source](#)
- 7519352- [Wireless communication network and method for broadcasting high priority information using downlink common channels](#)
- 7524672- [Microfluidic microarray systems and methods thereof](#)
- 7524829- [Antisense antiviral compounds and methods for treating a filovirus infection](#)
- 7527200- [Planar laser illumination and imaging \(PLIIM\) systems with integrated despeckling](#)

[mechanisms provided therein](#)

- 7527981- [Bioweapon-detecting fibrous-network products and methods for making same](#)
- 7503229- [Biobriefcase electrostatic aerosol collector](#)
- 7490769- [Modular architecture sensing and computing platform](#)
- 7445799- [Compositions for microbial and chemical protection](#)
- 7450761- [Spectral geographic information system](#)
- 7454988- [Method for fluid sampling using electrically controlled droplets](#)
- 7455966- [System and method for detecting a biological entity in a water sample](#)
- 7462823- [Method for increasing ionization efficiency in mass spectroscopy](#)
- 7475428- [Secure detection network system](#)
- 7476296- [Apparatus and process for converting a mixture of organic materials into hydrocarbons and carbon solids](#)
- 7476510- [Miniaturized cell array methods and apparatus for cell-based screening](#)
- 7485854- [Sampling device for introduction of samples into analysis system](#)
- 7488409- [Mediated electrochemical oxidation of animal waste materials](#)
- 7531349- [Standoff bioagent-detection apparatus and method using multi-wavelength differential laser-induced fluorescence](#)
- 7531363- [Particle detection using fluorescence](#)
- 7532119- [Multi-tiered network for gathering detected condition information](#)
- 7591980- [Biological alarm](#)
- 7595020- [Method of treating biological and chemical agents with gas phase, electronically excited states of oxygen](#)
- 7595060- [Yeast-antigen compositions methods of making the same](#)
- 7599847- [Automated internet based interactive travel planning and management system](#)
- 7601262- [Sub-micron filter](#)
- 7601351- [Antibodies against protective antigen](#)
- 7605709- [System, apparatus and method for screening personnel](#)
- 7607338- [Handheld instrument for monitoring and/or identification of chemicals](#)
- 7614280- [Quantitative fit test system and method for assessing respirator biological fit factors](#)
- 7616320- [Method and apparatus for recognition of microorganisms using holographic microscopy](#)
- 7591197- [Biobriefcase aerosol collector](#)
- 7582430- [Immunoliposome-nucleic acid amplification \(ILNAA\) assay](#)
- 7553446- [Biological agent decontamination system and method](#)
- 7555383- [Target acquisition and tracking system](#)
- 7560113- [Inactivating organisms using carbon dioxide at or near its supercritical pressure and temperature conditions](#)
- 7563874- [Therapeutic monoclonal antibodies that neutralize botulinum neurotoxins](#)
- 7564245- [NMR device for detection of analytes](#)
- 7566732- [Rhodanine compositions for use as antiviral agents](#)
- 7569181- [Method and apparatus for photosensitized ultraviolet decontamination of surfaces and aerosol clouds](#)
- 7572589- [Diagnosis and treatment of infectious diseases through indel-differentiated proteins](#)
- 7576319- [Systems for differential ion mobility analysis](#)
- 7578973- [Devices for continuous sampling of airborne particles using a regenerative surface](#)
- 7618783- [Anthrax specific antibodies](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical

practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

