

	<p>(CIDRAP News) – Federal health officials today announced the award of an \$877 million contract for 75 million doses of a new anthrax vaccine to protect the public and improve on the existing vaccine used by the military. http://www.cidrap.umn.edu/news-perspective/2004/11/hhs-spend-877-million-new-anthrax-vaccine</p>
Jan 07, 2005	<p>US issues response plan for terrorism, disasters (米国はテロや災害に対する対応計画を発行)</p>
	<p>The US Department of Homeland Security (DHS) yesterday issued a lengthy plan to outline and standardize how the federal government will respond to major emergencies ranging from bioterrorism to natural disasters. http://www.cidrap.umn.edu/news-perspective/2005/01/us-issues-response-plan-terrorism-disasters</p>
May 10, 2005	<p>NIAID awards first Project Bioshield grants (NIAID 賞の最初のプロジェクトバイオシールドの助成金)</p>
	<p>This story was revised shortly after publication to reflect corrections issued by the National Institute of Allergy and Infectious Diseases on May 10. The corrections pertain to the total monetary amount of the grants and to the project descriptions for XOMA (US) LLC and DVC Dynport LLC. http://www.cidrap.umn.edu/news-perspective/2005/05/niaid-awards-first-project-bioshield-grants</p>
May 23, 2005	<p>New federal bioterrorism funds tied to specific goals (テロや公衆衛生上の緊急事態の準備のための新しい連邦政府の資金)</p>
	<p>The Department of Health and Human Services (HHS) recently announced that \$1.33 billion will be available in this year's round of funding to states to improve preparedness for terrorism and other public health emergencies. http://www.cidrap.umn.edu/news-perspective/2005/05/new-federal-bioterrorism-funds-tied-specific-goals</p>
Jul 01, 2005	<p>HHS sets up board to combat misuse of biotech research (HHS は、バイオテクノロジー研究の誤用に対する委員会を設置)</p>
	<p>The members of a new government board that will guide efforts to keep terrorists from exploiting the fruits of federally funded biotechnology research were announced this week by Health and Human Services Secretary Mike Leavitt. http://www.cidrap.umn.edu/news-perspective/2005/07/hhs-sets-board-combat-misuse-biotech-research</p>
Jan 12, 2006	<p>States to share \$100 million for pandemic planning (国は、パンデミック計画のための1億ドルを提供)</p>
	<p>The federal government today announced the release of \$100 million appropriated by Congress recently to help states prepare for a potential influenza pandemic. The money is the first installment of \$350 million included in the \$3.8 billion emergency appropriation for pandemic preparedness that Congress passed in late December, said Health and Human Services (HHS) Secretary Mike Leavitt. http://www.cidrap.umn.edu/news-perspective/2006/01/states-share-100-million-pandemic-planning</p>
Aug 04, 2006	<p>FDA has new test for possible bioterror agents (FDA は、バイオテロ剤の同定のための技術開発)</p>
	<p>The Food and Drug Administration (FDA) says it is developing a technology that can identify real or fake bioterrorism agents faster and more cheaply than existing methods. The technique uses mass spectrometry to sort out different species and strains of bacteria and distinguish them from inert substances such as flour and cornstarch, often used in bioterrorism hoaxes, the FDA said in a news release yesterday. http://www.cidrap.umn.edu/news-perspective/2006/08/fda-has-new-test-possible-bioterr</p>

	or-agents
Jun 09, 2006	HHS offers states \$1.2 billion for bioterrorism readiness (HHS は、州のバイオテロの準備のために 12 億ドルを提供)
	Federal officials announced this week that about \$1.22 billion will be made available to states and territories this year to prepare for bioterrorism and other public health emergencies, down from about \$1.33 billion last year. http://www.cidrap.umn.edu/news-perspective/2006/06/hhs-offers-states-12-billion-bioterrorism-readiness
Jul 19, 2006	Governors group issues pandemic planning guide for states (全国知事会が州のパンデミック計画ガイドにおける職員の役割の問題を指摘)
	The role of state officials in an influenza pandemic has been hazy, but the focus became clearer yesterday when the National Governors Association (NGA) released a guide that spells out key planning issues for top state officials. http://www.cidrap.umn.edu/news-perspective/2006/07/governors-group-issues-pandemic-planning-guide-states
Feb 07, 2007	Proposed US budget boosts pandemic readiness, stalls biodefense capacity (米国の予算は、バイオディフェンス能力をカットしパンデミック準備を増強)
	The Bush administration's new budget proposes adding funds for pandemic preparedness while cutting some support for bioterrorism and local preparedness, drawing mixed reviews from national public health groups. http://www.cidrap.umn.edu/news-perspective/2007/02/proposed-us-budget-boosts-pandemic-readiness-stalls-biodefense-capacity
Jul 11, 2007	HHS to give states \$430 million for hospital preparedness (HHS は、州の病院の公衆衛生の危機管理の準備費用 4.5 億から 4.3 億ドルに削減)
	This year's round of federal grants to states to help healthcare facilities prepare for public health emergencies totals \$430 million, down from \$450 million last year, the US Department of Health and Human Services (HHS) announced recently. http://www.cidrap.umn.edu/news-perspective/2007/07/hhs-give-states-430-million-hospital-preparedness
Jul 18, 2007	HHS, DHS fund public health preparedness and emergency response (HHS、DHS は公衆衛生への準備と緊急対応の資金を提供)
	The US Department of Health and Human Services (HHS) yesterday announced it was providing states, US territories, and four metropolitan areas with \$896.7 million in public health preparedness funding, with \$175 million of the total earmarked for pandemic planning. Preparedness grantsThe bulk of the money is allocated toward Public Health Emergency Cooperative Agreements, which public health departments use to build capacity. http://www.cidrap.umn.edu/news-perspective/2007/07/hhs-dhs-fund-public-health-preparedness-and-emergency-response
Aug 30, 2007	HHS allots \$75 million to states for pandemic planning (HHS は、パンデミック計画のために 7500 万ドルを振り分ける)
	The Department of Health and Human Services (HHS) today announced a one-time allocation of \$75 million in grants to help states, territories, and four metropolitan areas prepare for an influenza pandemic. http://www.cidrap.umn.edu/news-perspective/2007/08/hhs-allots-75-million-states-pandemic-planning
Dec 18, 2007	Funding cuts said to threaten states' preparedness progress (資金調達のカットは、国家の準備の進行状況を脅かす：非営利団体からの指摘)
	Several states have made progress preparing for a major public health emergency such as a pandemic or bioterror attack, but funding shortfalls at the federal level threaten to stall or even reverse recent gains, according to a report today from the nonprofit

	<p>organization Trust for America's Health (TFAH). http://www.cidrap.umn.edu/news-perspective/2007/12/funding-cuts-said-threaten-states-preparedness-progress</p>
Dec 20, 2007	<p>Congress slashes pandemic preparedness funding (議会はパンデミック対策資金を削減)</p>
	<p>The 2008 omnibus spending bill passed by Congress this week earmarks only \$76 million for influenza pandemic preparedness funding, far below the Bush administration's \$870 million request. The President's advisors have indicated he will sign the bill when it reaches his desk, according to several media reports. http://www.cidrap.umn.edu/news-perspective/2007/12/congress-slashes-pandemic-preparedness-funding</p>
Feb 04, 2008	<p>HHS budget proposal cuts state preparedness, boosts food safety (HHS は公衆衛生への取組数をカットし、食品安全の準備金を増加)</p>
	<p>The Bush administration today unveiled a \$3.1 trillion budget for the 2009 fiscal year that cuts a number of public health initiatives but includes an increase for the Food and Drug Administration's (FDA's) food safety efforts. http://www.cidrap.umn.edu/news-perspective/2008/02/hhs-budget-proposal-cuts-state-preparedness-boosts-food-safety</p>
Mar 10, 2008	<p>PROMISING PRACTICES FOR PANDEMIC PLANNING Kansas launches assessment tool to gauge needs of at-risk groups</p>
	<p>CIDRAP's Promising Practices: Pandemic Influenza Preparedness Tools (www.pandemicpractices.org) online database showcases peer-reviewed practices, including useful tools to help others with their planning. This article is one of a biweekly series exploring the development of these practices. We hope that describing the process and context of these practices enhances pandemic planning. http://www.cidrap.umn.edu/news-perspective/2008/03/promising-practices-pandemic-planning-kansas-launches-assessment-tool-gauge</p>
Jun 03, 2008	<p>HHS announces preparedness grants for public health, hospitals</p>
	<p>The US Department of Health and Human Services (HHS) today announced that it is allocating states and major metropolitan areas \$1.1 billion to strengthen public health preparedness and help healthcare facilities respond to emergency events such as an influenza pandemic or terrorist attack. http://www.cidrap.umn.edu/news-perspective/2008/06/hhs-announces-preparedness-grants-public-health-hospitals</p>
Sep 23, 2008	<p>US awards contracts in hunt for versatile biodefense drugs</p>
	<p>Two organizations recently reported winning US government contracts for research on drugs that could work against multiple bioterror-related diseases such as plague, tularemia, and anthrax. http://www.cidrap.umn.edu/news-perspective/2008/09/us-awards-contracts-hunt-versatile-biodefense-drugs</p>
Sep 26, 2008	<p>Emergent garners \$29 million for new anthrax vaccine</p>
	<p>Emergent BioSolutions announced today that it has received a \$29.7 million contract from the federal government to continue work on another of its next-generation anthrax vaccine candidates. http://www.cidrap.umn.edu/news-perspective/2008/09/emergent-garners-29-million-new-anthrax-vaccine</p>
Oct 08, 2008	<p>Two firms win NIAID support for Ebola-Marburg vaccines</p>
	<p>Two biotechnology companies—Crucell, based in the Netherlands, and Integrated BioTherapeutics, based in Germantown, Md.—recently announced that they have received \$30 million and \$22 million contracts, respectively,</p>

	<p>from the National Institutes of Allergy and Infectious Diseases (NIAID) to develop single vaccines that would protect against both Ebola and Marburg viruses.</p> <p>http://www.cidrap.umn.edu/news-perspective/2008/10/two-firms-win-niaid-support-ebola-marburg-vaccines</p>
Nov 07, 2008	DOD advisors outline biodefense priorities for next president
	<p>An independent board that advises the US Department of Defense on science and technology issues issued a report on Election Day highlighting a range of priorities for the incoming Obama administration, including measures to prevent and respond to a bioterrorist attack.</p> <p>http://www.cidrap.umn.edu/news-perspective/2008/11/dod-advisors-outline-biodefense-priorities-next-president</p>
Jan 5, 2010	BARDA awards contract for new anthrax countermeasure
	<p>Elusys Therapeutics, based in Pine Brook, N.J., announced yesterday that it signed a contract with the Biomedical Advanced Research and Development Authority (BARDA) worth up to \$143 million to complete the development of its monoclonal antibody, Anthim, to treat and prevent inhaled anthrax. The first year of the contract provides \$16.8 million in funding, with possible additional support over the next 4 years.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/01/news-scan-unsanitary-cheese-plant-anthrax-treatment-shipboard-norovirus</p>
Feb 01, 2010	Federal budget proposal boosts food safety, biodefense
	<p>The Obama administration today released its \$3.8 trillion budget for the 2011 fiscal year, trimming some public health programs but posting notable gains for food safety and bioterror countermeasures.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/02/federal-budget-proposal-boosts-food-safety-biodefense</p>
Feb 10, 2010	Tulane group gets \$15 million to study Lassa virus countermeasures
	<p>Tulane University announced yesterday that it has received a 5-year \$15-million grant from the National Institute of Allergies and Infectious Diseases (NIAID) to develop ways to treat and prevent Lassa fever, an often deadly viral hemorrhagic disease that is found in West Africa. Lassa virus, a member of the arenavirus family, is considered a "class A" bioterrorism agent by the US government.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/02/news-scan-h5n1-egypt-lassa-virus-contract-hospital-pandemic-planning-gaps</p>
Mar 01, 2010	State cuts accelerate public health funding shortfall
	<p>Over the past 5 years public health has seen federal funding remain flat, but \$392 million in recession-driven state funding cuts this past year are further impairing the ability of many communities to deliver basic disease prevention and emergency health preparedness services, according to a report today from two nonprofit groups.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/03/state-cuts-accelerate-public-health-funding-shortfall</p>
Jul 08, 2010	HHS announces \$390 million in grants for hospital preparedness
	<p>States and territories will receive a total of \$390.5 million in federal grants this year to help hospitals and other healthcare facilities improve their capability to cope with emergencies and disasters, the US Department of Health and Human Services (HHS) announced yesterday.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/07/hhs-announces-390-million-grants-hospital-preparedness</p>
Sep 21, 2010	DoD funds \$30 million effort to probe oceans for anti-bioterror drugs

	<p>The US Department of Defense (DoD) is funding efforts to tap the oceans' biodiversity to develop novel antibiotics against bioterror threats such as plague and tularemia. The DoD's Defense Threat Reduction Agency awarded San Diego-based Trius Therapeutics up to \$29.5 million to collaborate with the Scripps Institution of Oceanography at the University of California, San Diego (UCSD).</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/09/news-scan-resistant-klebsiella-strain-egg-linked-cases-top-1600-online-flu</p>
Oct 14, 2010	SIGA gets federal contract to produce smallpox antiviral
	<p>In a move to allow the United States to stockpile its first specialized treatment for smallpox bioterror attacks and related infections, SIGA Technologies announced yesterday that it will receive a federal contract to deliver 1.7 million courses of a new antiviral medication.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/10/siga-gets-federal-contract-produce-smallpox-antiviral</p>
Oct 14, 2010	NIH grant to help Danish company explore Ebola, Marburg vaccine
	<p>Danish pharmaceutical company Bavarian Nordic announced yesterday that it has received a research grant from the US National Institutes of Health (NIH) to support early research on filoviruses such as Ebola and Marburg. In a press release the company said it is exploring whether its core vaccine technology, modified vaccinia Ankara (MVA)-BN, can encode genes for both the Marburg and Ebola strains.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/10/news-scan-flu-vaccine-a-pathy-airborne-flu-spread-poll-anti-h1n1-steps-ebola</p>
Oct 22, 2010	Company gets Army contract for work on Ebola, Marburg vaccines
	<p>Paragon Bioservices, a Baltimore-based contract research firm, announced yesterday that it received a \$4.99 million contract to help the US Army Medical Research Institute of Infectious Diseases (USAMRIID) develop vaccines against Ebola and Marburg viruses.</p> <p>http://www.cidrap.umn.edu/news-perspective/2010/10/news-scan-suspected-cholera-haiti-subway-salmonella-outbreak-evolving</p>
Jan 21, 2011	Ricin vaccine receives FDA orphan drug status
	<p>Soligenix, a biopharmaceutical company based in Princeton, N.J., announced yesterday that the US Food and Drug Administration (FDA) granted orphan drug status to RiVax, the company's vaccine for preventing ricin intoxication in the event of a potential bioterror attack.</p> <p>http://www.cidrap.umn.edu/news-perspective/2011/01/news-scan-fighting-bioterrorism-ricin-vaccine-food-registry-report-cholera</p>
Feb 14, 2011	Proposed budget trims preparedness funds, boosts FDA
	<p>The Obama administration's proposed budget for fiscal year 2012, released today, would reduce funds for public health and hospital emergency preparedness while giving the Food and Drug Administration (FDA) a boost for food safety.</p> <p>http://www.cidrap.umn.edu/news-perspective/2011/02/proposed-budget-trims-preparedness-funds-boosts-fda</p>
Feb 16, 2011	BARDA grant awarded for new smallpox antiviral
	<p>The US federal government announced today it will spend \$24.8 million to help develop a new antiviral drug to treat smallpox. A press release states that the Biomedical Advanced Research and Development Authority (BARDA), part of the Department of Health and Human Services (HHS), awarded the contract to Chimerix, Inc., of Durham, N.C., for CMX001, one of two smallpox antivirals</p>

	<p>in advanced development. http://www.cidrap.umn.edu/news-perspective/2011/02/news-scan-grant-smallpox-antiviral-final-sprout-outbreak-total-poliovirus</p>
Mar 01, 2011	HHS awards two contracts for recombinant flu vaccines
	<p>The US Department of Health and Human Services (HHS) yesterday announced that it has awarded \$215 million in contracts to two companies to further the development of recombinant technology, a move designed to improve and speed production of pandemic and seasonal flu vaccines. http://www.cidrap.umn.edu/news-perspective/2011/03/hhs-awards-two-contracts-recombinant-flu-vaccines</p>
Jul 28, 2011	CDC issues new edition of public health emergency guide
	<p>An updated version of the Center for Disease Control and Prevention's (CDC's) Public Health Emergency Response Guide for State, Local, and Tribal Public Health Directors was issued yesterday. The all-hazards reference tool, first published in early 2009, provides information on activating a jurisdiction's public health system and integrating it into the existing emergency response structure, focusing on the first 24 hours after an incident. http://www.cidrap.umn.edu/news-perspective/2011/07/news-scan-cdc-emergency-guide-terms-resistant-bacteria-e-coli-gene-clues</p>
Feb 14, 2011	Proposed budget trims preparedness funds, boosts FDA
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Sep 7, 2011	HHS awards \$94 million to develop broad-spectrum antibiotic
	<p>The federal government yesterday awarded a contract to GlaxoSmithKline (GSK) for up to \$94 million for advanced research and development of a broad-spectrum antibiotic that researchers hope can be used against both bioterror agents and Gram-negative bacteria. http://www.cidrap.umn.edu/news-perspective/2011/09/news-scan-broad-spectrum-antibiotic-training-food-testing-h5n1-ducks</p>
Sep 22, 2011	Defense department dismantles bioterror countermeasures program

	<p>The US Department of Defense's Transformational Medical Technologies (TMT) program, begun in 2006 to accelerate the development of countermeasures against bioterror agents, is being dismantled, according to a report yesterday in the Nature News feature of the journal Nature. TMT's parent organization, the Defense Threat Reduction Agency, is folding some TMT projects into other Pentagon efforts and shifting their priorities, according to the report.</p> <p>http://www.cidrap.umn.edu/news-perspective/2011/09/news-scan-bioterror-program-nix-ed-measles-malaysia-global-antibiotic</p>
Oct 27, 2011	GAO finds gaps in bioterror countermeasure planning, budgeting
	<p>The US Department of Health and Human Services (HHS) has continued to modify its bioterror countermeasure priorities based on current risk assessments, but it hasn't updated formal plans or fleshed out budget priorities, the Government Accountability Office (GAO) said in a report yesterday.</p> <p>http://www.cidrap.umn.edu/news-perspective/2011/10/gao-finds-gaps-bioterror-counter-measure-planning-budgeting</p>
Oct 28, 2011	NBSB urges pre-attack studies of anthrax vaccine in kids
	<p>An expert advisory panel today approved a recommendation that the US Department of Health and Human Services (HHS) develop a plan to study the use of anthrax vaccine in children before an attack with Bacillus anthracis.</p> <p>http://www.cidrap.umn.edu/news-perspective/2011/10/nbsb-urges-pre-attack-studies-anthrax-vaccine-kids</p>
Nov 4, 2011	CDC lists diseases covered by notification rule for emergency responders
	<p>The Centers for Disease Control and Prevention (CDC) has published a final list of potentially life-threatening infectious diseases covered by a congressional requirement for notification of emergency-response workers in case of potential occupational exposure. Congressional passage of the Ryan White HIV/AIDS Treatment Extension Act of 2009 reinstated the notification requirement, the CDC said in a notice in today's Morbidity and Mortality Weekly Report.</p> <p>http://www.cidrap.umn.edu/news-perspective/2011/11/news-scan-polio-india-and-angola-dirty-hands-latex-gloves-exposure</p>
Dec 7, 2011	US House passes biodefense reauthorization bill
	<p>The US House of Representatives yesterday passed a reauthorization of the 2006 Pandemic and All-Hazards Preparedness Act, designed to protect the country against infectious disease threats and acts of bioterrorism, Global Security Newswire said today. HR 2405 renews components of the 2006 act, which established the Biomedical Advanced Research and Development Authority (BARDA).</p> <p>http://www.cidrap.umn.edu/news-perspective/2011/12/news-scan-clintons-warning-bioterrorism-biodefense-bill-progress-norovirus</p>
Jan 25, 2012	HHS issues medical surge guidance for healthcare systems
	<p>The US Department of Health and Human Services (HHS) recently released a new planning tool to help hospitals and health systems prepare for medical surges that could result from a bioterror attack, natural disaster, or other public health emergency.</p> <p>http://www.cidrap.umn.edu/news-perspective/2012/01/hhs-issues-medical-surge-guidance-healthcare-systems</p>
May 01, 2012	NIH preparing tool to help labs cope with new DURC policy
	<p>Federal officials are working on guidance to help local institutions implement the government's new policy on the oversight of life-sciences dual-use research of concern (DURC), an official from the National Institutes of Health (NIH) said today.</p> <p>http://www.cidrap.umn.edu/search/bioterrorism?page=1&f[0]=field_date%3A%5B2012-01-01T00%3A00%3A00Z%20TO%202013-01-01T00%3A00%3A00Z%5D</p>
May 18, 2012	Bioethics commission takes on pediatric countermeasure issues

	<p>Based on a request from the US Department of Health and Human Services (HHS), President Barack Obama's bioethics commission yesterday started discussing issues related to developing medical countermeasures such as anthrax vaccine for children in the event of a bioterror attack or other emergency. On Jan 10 HHS Secretary Kathleen Sebelius asked the Presidential Commission for the Study of Bioethical Issues (PCSB) to weigh in on the topics, according to a statement from the group.</p> <p>http://www.cidrap.umn.edu/news-perspective/2012/05/news-scan-pediatric-countermeasure-ethics-flu-activity-slows-further-infant</p>
Jun 21, 2012	Steering committee completing work on anthrax vaccine prioritization
	<p>A federal steering committee said today it is close to finalizing its work on guidance for prioritizing anthrax vaccine in the event of a wide-area aerosol attack. In a meeting of the Advisory Committee on Immunization Practices (ACIP), the group that advises the US Centers for Disease Control and Prevention (CDC), Raymond Strikas, MD, MPH, with the CDC's National Center for Immunization and Respiratory Diseases, said the next outreach step is a stakeholder meeting on Aug 20, after which the group will submit a final version to federal officials.</p> <p>http://www.cidrap.umn.edu/news-perspective/2012/06/news-scan-anthrax-vaccine-priorities-ndm-rhode-island-antibiotic-free-meat</p>
Jun 26, 2012	Biodefense board takes on situational awareness, SNS tasks
	<p>The National Biodefense Science Board (NBSB) during its meeting today took on two new tasks: to help guide federal efforts to improve situational awareness for potential public health emergencies and to help work out a strategy for improving and modernizing the management of the government's Strategic National Stockpile (SNS).</p> <p>http://www.cidrap.umn.edu/news-perspective/2012/06/biodefense-board-takes-situational-awareness-sns-tasks</p>
Jun 27, 2012	HHS updates medical countermeasures strategy
	<p>The US Department of Health and Human Services (HHS) recently updated its strategy for developing and acquiring countermeasures against threats such as bioterror attacks and pandemic flu, a document that spells out the federal game plan for the next 5 years.</p> <p>http://www.cidrap.umn.edu/news-perspective/2012/06/hhs-updates-medical-countermeasures-strategy</p>
Aug 02, 2012	National biosurveillance strategy aims to detect manifold threats
	<p>The Obama Administration this week unveiled the nation's first national biosurveillance strategy, designed to detect a range of threats, including bioterror attacks, infectious disease outbreaks, agricultural threats, and foodborne illness outbreaks.</p> <p>http://www.cidrap.umn.edu/news-perspective/2012/08/national-biosurveillance-strategy-aims-detect-manifold-threats</p>
Nov 16, 2012	US awards contracts for Marburg, FMD threats
	<p>Two US government agencies have awarded Danish biotechnology company Bavarian Nordic contracts to use the vaccine platform it uses to make smallpox vaccine to address two additional biological threats, Marburg hemorrhagic fever in humans and foot-and-mouth disease (FMD) in animals. The company said in a press release that awards totaling \$18.9 million will support the development of vaccines using its modified Vaccinia virus Ankara (MVA-BN) platform, which the company uses to make smallpox vaccine for immunocompromised people for the Strategic National Stockpile. Bavarian Nordic said the contracts show the versatility of the platform for infectious disease vaccines and cancer therapies. The contract for the Marburg vaccine is from the National Institutes of Health (NIH) and is worth \$17.9 million, and the contract for the FMD vaccine is from the Department of Homeland Security. Viral hemorrhagic fevers,</p>

	<p>including Marburg, are considered category A bioterrorism agents by federal officials, and accidental or intentional introduction of FMD into countries free of the disease is a major threat to animal production.</p> <p>http://www.cidrap.umn.edu/news-perspective/2012/11/news-scan-airborne-ebola-marburg-fmd-vaccine-funds-fungal-meningitis-update</p>
Jan 23, 2013	House reauthorizes Pandemic and All-Hazards Preparedness Act
	<p>The US House of Representatives yesterday passed reauthorization of the 2006 Pandemic and All-Hazards Preparedness Act on a 395- 29 vote, sending the bill to the Senate, according to The Hill's blog.</p> <p>http://www.cidrap.umn.edu/news-perspective/2013/01/flu-news-scan-preparedness-law-renewal-busy-flu-season-docs-flu-vaccine</p>
Mar 5, 2013	House sends preparedness law to Obama's desk
	<p>The US House of Representatives yesterday passed the final version of the Pandemic and All-Hazards Preparedness Reauthorization Act (PAHPRA) of 2013 yesterday, clearing the way for President Obama to sign the bill into law.</p> <p>http://www.cidrap.umn.edu/news-perspective/2013/03/news-scan-pahpra-reauthorization-select-agent-inspections-fungal-infection</p>
Mar 13, 2013	Obama signs off on preparedness law
	<p>President Barack Obama today signed into law the Pandemic and All-Hazards Preparedness Reauthorization Act (PAHPRA) of 2013, which reauthorizes appropriations through fiscal year 2018, according to a White House press release.</p> <p>http://www.cidrap.umn.edu/news-perspective/2013/03/flu-news-scan-obama-signs-preparedness-law-h1n1-vaccine-and-gbs-intradermal</p>
Mar 25, 2013	First botulinum antitoxin approved by FDA, will go in stockpile
	<p>Botulinum toxin, which formerly was untreatable, can now be neutralized. With FDA approval on Mar 22, the life-threatening disease can be treated, and a countermeasure to the potential use of the toxin as a bioterror weapon is now available. Called Botulism Antitoxin Heptavalent (A, B, C, D, E, F, G)-(Equine), the new agent is capable of neutralizing all seven of the known serotypes of botulinum.</p> <p>http://www.cidrap.umn.edu/news-perspective/2013/03/food-safety-scan-changes-food-safety-rules-no-meat-inspector-furloughs</p>
Apr 03, 2013	NBSB unveils situational awareness, SNS recommendations
	<p>The National Biodefense Science Board (NBSB) today forwarded two sets of recommendations to federal departments that oversee emergency preparedness, one focused on enhancing situational awareness in health emergencies and the other on improving the nation's Strategic National Stockpile (SNS) by 2020.</p> <p>http://www.cidrap.umn.edu/news-perspective/2013/04/nbsb-unveils-situational-awareness-sns-recommendations</p>
May 22, 2013	GAO: APHIS needs to align its strategy with US biosecurity efforts
	<p>The US Department of Agriculture's (USDA's) Animal and Plant Health Inspection Service (APHIS) needs to develop goals and measures to ensure that its approach to monitoring animal health meshes with the country's goals for early detection of biological threats, the US Government Accountability Office (GAO) said in a report yesterday.</p> <p>http://www.cidrap.umn.edu/news-perspective/2013/05/news-scan-salmonella-tahini-usda-biosecurity-strategy-hhs-gsk-portfolio</p>
May 22, 2013	HHS announces GSK portfolio agreement to fight bioterror, drug resistance
	<p>Drugs to simultaneously fight bioterrorism and antibiotic resistance will be developed under a partnership agreement between the US Department of Health and Human Services (HHS) and GlaxoSmithKline (GSK) of North Carolina, HHS said in a news release today.</p>

	http://www.cidrap.umn.edu/news-perspective/2013/05/news-scan-salmonella-tahini-usd-a-biosecurity-strategy-hhs-gsk-portfolio
May 29, 2013	BARDA contract to support antibiotic for anthrax, tularemia
	Cempra Inc. of Chapel Hill, N.C., has been awarded a federal contract worth up to \$58 million to develop an antibiotic that could be used to treat children for anthrax, tularemia, or community-acquired bacterial pneumonia (CABP), according to the company and the US Department of Health and Human Services (HHS). http://www.cidrap.umn.edu/news-perspective/2013/05/bioterror-scan-barda-contract-antibiotic-rinderpest-media-campaign
Feb 5, 2014	HHS funds drug to fight bioterror agents, drug-resistant infections
	The federal government will provide up to \$90 million to develop a new drug to treat two potential bioterror threats and possibly to combat antibiotic-resistant infections, the US Department of Health and Human Services' (HHS's) Office of the Assistant Secretary for Preparedness and Response (ASPR) announced today. http://www.cidrap.umn.edu/news-perspective/2014/02/news-scan-feb-05-2014
Sep 17, 2014	HHS awards contract to develop portable, low-cost ventilator
	A new federal contract awarded to a Pennsylvania company calls for the development of a "portable, low-cost, user-friendly" ventilator designed for use in public health emergencies, the US Department of Health and Human Services (HHS) announced today. http://www.cidrap.umn.edu/news-perspective/2014/09/flu-scan-sep-17-2014
Feb 23, 2015	US health security plan (米国の健康セキュリティ計画)
	・米国保健福祉省が国民健康安全保障戦略を発表。公衆衛生、医療、緊急管理システムの統合及びグローバルヘルスのセキュリティを強化することなどが示されている。 http://www.cidrap.umn.edu/news-perspective/2015/02/news-scan-feb-23-2015
Feb 20, 2015	Smallpox vaccine guidelines
	・天然痘の予防接種ガイドラインが連邦政府から発表された。新たなガイドラインでは、致死性ウイルスの偶発的または意図的なリリースに対し、国の3種類の備蓄ワクチンの使用することが示されている。 ・米国は2001年の同時多発テロ後に、ACAM2000、APSV (Aventis Pasture Smallpox Vaccine)、Imvamuneの3種の天然痘ワクチンを備蓄した。 ・CDCでは、新たなガイドラインに沿ってガイドラインを策定した。 http://www.cidrap.umn.edu/news-perspective/2015/02/news-scan-feb-20-2015 http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6402a1.htm
Feb 03, 2015	Highlights include funds for antibiotic resistance, bioterrorism preparedness, and a unified food safety agency.
	HHSの予算において、疾病管理予防センター (CDC) のために115億ドルの予算案を提出。今年より250百万ドルの増額。計画には以下が含まれる。 ・新興人獣共通感染症関連 6.99億ドル ・医薬品や医療物資の戦略的国家備蓄に 5.71億ドル ・公衆衛生上の緊急事態への備え 14億ドル ・抗菌薬耐性の対策 2.64億ドル http://www.cidrap.umn.edu/news-perspective/2015/02/infectious-disease-programs-fare-well-obamas-2016-budget

業務項目① 別添2 調査結果（個別の生物テロの事例）

2002年以降発生した生物テロについての発生状況、場所、被害状況、報道等について、以下に整理した。

(1) ニューヨーク：オバマ大統領へのリシン郵送

生物テロ事例①（2013年5月20日）

区分	概要
発生日	2013年5月20日
国・都市	米国 ニューヨーク
攻撃に用いられた病原体	リシン（リシンを含む封筒が郵送された）
対象	政府（一般）：米国オバマ大統領にリシン入りの郵送物
発生の経緯	2013年5月20日リシンを含む郵送物が、ワシントンで米国大統領、バラク・オバマに郵送された。郵送物は大統領に届く前に処理され、負傷者は発生しなかった。 同日、銃規制に関する法律を支持する人物に送信された3通のうちの一通であった。アメリカのテレビ女優であるシャノンリチャードソンが攻撃に関連して2013年6月7日に逮捕された。
死亡者	0人
負傷者	0人
主な報道	<ul style="list-style-type: none"> • "Texas woman is indicted over ricin letters to Obama, others," St. Louis Post-Dispatch, June 29, 2013." • "Texas woman indicted for sending ricin letters to Obama," India Blooms News Service, June 29, 2013." • "TV actress sends toxic missives to VIPs," SP's MAI, July 1, 2013."

生物テロ事例①に関する報道事例（2013年5月20日）

報道例 1	
タイトル	"Texas woman is indicted over ricin letters to Obama, others, "
報道月日	2013年6月29日
報道主体	St. Louis Post-Dispatch
概要	5月、オバマ大統領に対して、リシン毒を含む郵便物を送り、脅迫したとして、シャノン・リチャードソン（35）が起訴された。彼女は6月7日に逮捕された。
報道例 2	
タイトル	"Texas woman indicted for sending ricin letters to Obama," June 29, 2013."
報道日時	2013年6月29日
報道主体	India Blooms News Service
概要	<p>シャノン・リチャードソンは、2013年6月27日、米国大陪審によって起訴された。これは、リチャードソンがオバマ大統領を含む3名に対して脅迫文を送ったことに対する起訴である。</p> <p>起訴内容は、2013年3月20日、リチャードソンがリシン毒を含む3つの脅迫文を郵送したというものである。</p> <p>この事件の調査は、FBI、アメリカ合衆国シークレットサービス(the U.S. Secret Service)、米国郵便検査サービス局(the U.S. Postal Inspection Service)、テキサス州公安局(the Texas Department of Public Safety)、テキサス・ニューボストン警察(New Boston, Texas Police Department)、ルイジアナ・シュリーブポート警察(the Shreveport, Louisiana Police Department)が行っている。</p>
報道例 3	
タイトル	"TV actress sends toxic missives to VIPs,"
報道月日	2013年7月1日
報道主体	SP's MAI
概要	<p>テキサス州ニューボストンの女優、シャノン・リチャードソンは、リシンを含む手紙を、オバマ大統領に対して送ったとして逮捕された。</p> <p>捜査では、手紙はそれぞれシュリーブポートとルイジアナから2013年5月20日に送られたことが明らかにされた。大統領に送られた手紙は一般的に行われている郵便物のスクリーニング・プロセスで発見された。</p>

(2) ニューヨーク：ニューヨーク市長へのリシン郵送

生物テロ事例②（2013年5月20日）

区分	概要
発生日	2013年5月20日
国・都市	米国 ニューヨーク
攻撃に用いられた病原体	リシン（リシンを含む封筒が郵送された）
対象	政府（一般）：ニューヨーク市長マイケル・ブルームバーグ
発生の経緯	2013年5月20日リシンを含む手紙がニューヨーク市マイケル・ブルームバーグ市長に郵送された。手紙は市長に届く前に処理され、市長には届いていない。 同日、銃規制に関する法律を支持する人物に送信された3通のうちの一通であった。アメリカのテレビ女優であるシャノンリチャードソンが攻撃に関連して2013年6月7日に逮捕された。
死亡者	0人
負傷者	0人
主な報道	<ul style="list-style-type: none"> • "Texas woman is indicted over ricin letters to Obama, others," St. Louis Post-Dispatch, June 29, 2013." • "Texas woman indicted for sending ricin letters to Obama," India Blooms News Service, June 29, 2013." • "TV actress sends toxic missives to VIPs," SP's MAI, July 1, 2013."

生物テロ事例②に関する報道事例（2013年5月20日）

報道例1	
タイトル	"TV actress sends toxic missives to VIPs,"
報道月日	2013年7月1日
報道主体	SP's MAI
概要	テキサス州ニューボストンの女優、シャノン・リチャードソンは、リシンを含む手紙を、ブルームバーグ・ニューヨーク市長に対して送ったとして逮捕された。捜査では、手紙はそれぞれシュリーポートとルイジアナから2013年5月20日に送られたことが明らかにされた。市長に送られた手紙は一般的に行われている郵便物のスクリーニング・プロセスで発見された。

(3) ニューヨーク：ニューヨーク市の局長へのリシン郵送

生物テロ事例③（2013年5月20日）

区分	概要
発生日	2013年5月20日
国・都市	米国 ニューヨーク
攻撃に用いられた病原体	リシン（リシンを含む封筒が郵送された）
対象	政府（一般）：ニューヨーク市
発生の経緯	2013年5月20日リシンを含む郵送物がニューヨーク市マーク・グレース局長に郵送された。手紙は局長に届く前に処理され、けが人は発生していない。 同日、銃規制に関する法律を支持する人物に送信された3通のうちの一通であった。アメリカのテレビ女優であるシャノン・リチャードソンが攻撃に関連して2013年6月7日に逮捕された。
死亡者	0人
負傷者	0人
報道	<ul style="list-style-type: none"> • "Texas woman is indicted over ricin letters to Obama, others," St. Louis Post-Dispatch, June 29, 2013." • "Texas woman indicted for sending ricin letters to Obama," India Blooms News Service, June 29, 2013." • "TV actress sends toxic missives to VIPs," SP's MAI, July 1, 2013."

生物テロ事例③に関する報道事例（2013年5月20日）

報道例1	
タイトル	"Texas woman is indicted over ricin letters to Obama, others,"
報道月日	2013年6月29日
報道主体	St. Louis Post-Dispatch
概要	5月、ニューヨーク市のマーク・グレース局長に対して、リシン毒を含む郵便物を送り、脅迫したとして、シャノン・リチャードソン（35）が起訴された。彼女は6月7日に逮捕された。
報道例2	
タイトル	"TV actress sends toxic missives to VIPs," July 1, 2013."
報道月日	2013年7月1日
報道主体	SP's MAI,
概要	テキサス州ニューボストンの女優、シャノン・リチャードソンは、リシンを含む手紙を、ニューヨーク市のマーク・グレース局長に対して送ったとして逮捕された。捜査では、手紙はそれぞれシュリーポートとルイジアナから2013年5月20日に送られたことが明らかにされた。グレース局長宛の手紙は開封された。

(4) パキスタン：炭疽入り郵送物

生物テロ事例④（2011年10月20日）

区分	概要
発生日	2011年10月20日
国・都市	パキスタンイスラマバード
攻撃に用いられた病原体	炭疽菌（郵送）
対象	政府（一般）：パキスタン首相、ユースフラザギラニ
発生の経緯	2011年10月1日：パキスタンのイスラマバードで、小型のパッケージがパキスタン首相、ユースフラザギラニの事務所に郵送された。 セキュリティ担当者はパッケージに疑義を持ち、実験室でテストした後、炭疽菌胞子の少量を含有することを確認した。 郵送物はシンドのパキスタン南部州で Jamshoro の町から郵送された。
死亡者	0人
負傷者	0人
主な報道	<ul style="list-style-type: none">• "National Post, "Anthrax Mailed to Pakistani PM's Office: Spokesman," National Post, February 01, 2012, http://news.nationalpost.com/2012/02/01/anthrax-mailed-to-pakistani-pms-office-spokesman/."• "Salman Masood, "Pakistan Says Prime Minister Was Mailed Anthrax Spores," New York Times, February 1, 2012, http://www.nytimes.com/2012/02/02/world/asia/pakistan-reveals-prime-minister-gilani-was-sent-anthrax.html."• "Washington Post, "Pakistan Says Package Containing Anthrax Sent to Prime Minister's Office in October," Washington Post, February 1, 2010, http://www.washingtonpost.com/world/asia-pacific/pakistani-jets-target-militant-commanders-killing-up-to-31-insurgents-officials-say/2012/02/01/gIQAZk3ygQ_story.html."

生物テロ事例④に関する報道事例（2011年10月20日）

報道例 1	
タイトル	"National Post, "Anthrax Mailed to Pakistani PM's Office: Spokesman,"
報道月日	2012年2月1日
報道主体	National Post
概要	<p>10月、少量の炭疽菌胞子を含む小包がパキスタン首相官邸宛に郵送された。小包はパキスタン南部の Sindh 地方から郵送された。</p> <p>研究機関での検査の後、この小包には炭疽菌胞子が含まれていることが明らかとなった。この事件に関する負傷者は報告されていない。</p>
URL	http://news.nationalpost.com/2012/02/01/anthrax-mailed-to-pakistani-pms-office-spokesman/
報道例 2	
タイトル	"Salman Masood, "Pakistan Says Prime Minister Was Mailed Anthrax Spores,"
報道月日	2012年2月1日
報道主体	New York Times
概要	<p>パキスタンの首相ユースフラザギラニは、炭疽菌胞子が含まれる郵便物を受け取った。</p> <p>郵便物は首相のセキュリティ・スタッフによって確保された。政府の研究機関である the Pakistan Council of Scientific and Industrial Research が、郵便物中の白い粉末が炭そ菌であることを明らかにした。</p>
URL	http://www.nytimes.com/2012/02/02/world/asia/pakistan-reveals-prime-minister-gilani-was-sent-anthrax.html

(5) ロサンゼルス：UCLA の研究者にエイズ汚染物の郵送

生物テロ事例⑤（2010年11月16日）

区分	概要
発生日	2010年11月16日
国・都市	米国 ロサンゼルス
攻撃に用いられた病原体	エイズ
対象	政府（一般）： UCLA の神経学者
発生の経緯	<p>カリフォルニア州ロサンゼルスで UCLA の神経科学者である教授が、エイズに汚染されたかみそりの刃と脅迫メッセージを送信したと動物研究活動家からの脅威されたことを、大学の広報担当者が発表した。</p> <p>法執行当局は、彼の自宅でかみそりの刃と脅迫ノートを含むパッケージを受け取ったことを確認した。</p> <p>北米の動物解放運動団体の広報担当は、教授が薬物中毒のテストのために霊長類の解剖をしているため、かみそりの刃を送ったと主張している。</p> <p>しかし、カミソリで血液がエイズで汚染されていることが確認されていない。</p>
死亡者	0人
負傷者	0人
報道	<ul style="list-style-type: none"> • "Bite Back, "UCLA Vivisector Receives Threat," Bite Back, November 16, 2010, http://directaction.info/news_nov16_10.htm." • "Michael Martinez & Nick Valencia, "Activist Group Claims to Send AIDS-Tainted Razors to Animal Researcher," CNN, November 24, 2010, http://www.cnn.com/2010/US/11/24/california.ucla.threat/index.html?hpt=T2." • "Robert Faturechi, "UCLA Researcher Says He Won't Be Deterred by Animal Activists' Attacks," Los Angeles Times, November 25, 2010, www.latimes.com/health/la-me-targeted-professor-20101125,0,3117053.story."

生物テロ事例⑤に関する報道事例（2010年11月16日）

報道例 1	
タイトル	"Michael Martinez &, Nick Valencia, "Activist Group Claims to Send AIDS-Tainted Razors to Animal Researcher,"
報道月日	2010年11月24日
報道主体	CNN
概要	FBI および UCLA 警察は、動物実験反対活動家による事件の新たな捜査を開始した。容疑者は、UCLA の研究者に対して AIDS で汚染された剃刀と脅迫文を送った。UCLA の神経学者 David・Jentsch 氏の自宅に、剃刀と脅迫文を含む郵便物が送られてきたことは法執行当局によって確認された。The North American Animal Liberation Press Office はウェブサイト上で、彼らのメンバーが Jentsch 氏に対して剃刀を送ったことを非公式ながら認めた。Jentsch 氏が政府予算で霊長類の試験を行ったことが、犯行の理由として挙げられている。
URL	http://www.cnn.com/2010/US/11/24/california.ucla.threat/index.html?hpt=T2 .
報道例 2	
タイトル	"Robert Faturechi, "UCLA Researcher Says He Won't Be Deterred by Animal Activists' Attacks," November 25, 2010, "
報道月日	2010年11月25日
報道主体	Los Angeles Times
概要	UCLA の神経学者である J. David Jentsch 氏の元に剃刀と脅迫文が入った郵便が送られてきた。 当局によって確認はされなかったが、容疑者によれば剃刀は AIDS で汚染されていた。この事件は FBI と UCLA 警察によって調査されている。
URL	http://www.latimes.com/health/la-me-targeted-professor-20101125,0,3117053.story .

(6) アーリントン：UCLA の研究者にエイズ汚染物の郵送

生物テロ事例⑥（2005年3月14日）

区分	概要
発生日	2005年3月14日
国・都市	米国 アーリントン
攻撃に用いられた病原体	炭疽菌
対象	政府（一般）、市民、property
発生の経緯	関連する事例において、バージニア州アーリントンにあるペンタゴンの郵便施設で微量の炭疽菌が発見された。負傷者はいない。現地時間 10：30 に biological hazard sensors が開始された後、予防策として主に政府関係者 100 名に抗生物質が投与された。この事件の首謀グループは現れていない。
死亡者	0 人
負傷者	0 人
報道	<p>“Sensors signal biohazard in Pentagon mail facility,” The Washington Times, March 15, 2005.</p> <p>“Pentagon detects anthrax,” The Capital, March 15, 2005.</p> <p>Laura Meckler, “Federal officials sort through the aftermath of the anthrax scare,” The Associated Press, March 16, 2005.</p>

生物テロ事例⑥に関する報道事例（2005年3月14日）

報道例 2	
タイトル	“Sensors signal biohazard in Pentagon mail facility,”
報道月日	2005年3月15日
報道主体	The Washington Times
概要	<p>2005年3月14日、ペンタゴンとバージニア州の法執行機関は、ペンタゴンの郵便施設への出入りの監視を強化した。危険物質が含まれていることを示す警告が発せられた。ワシントンにある二つの郵便施設のセンサーが、2 通の郵便から炭疽菌を検視した原因は調査中である。</p> <p>調査に当たっている関係者によれば、今回発見された炭疽菌入りの郵便物が攻撃にあたるのかどうかは定かでない。</p>

(7) ワシントン：上院多数党院内総務へリシン郵送

生物テロ事例⑦（2004年2月2日）

区分	概要
発生日	2004年2月2日
国・都市	米国 ワシントン
攻撃に用いられた病原体	リシン（リシンを含む封筒が郵送された）
対象	政府（一般）：
発生の経緯	ワシントンにある米国上院多数党院内総務ビル・フリスト氏の事務所に、リシンを含む封筒が郵送されてきた。この事件での負傷者は報告されていない。
死亡者	0人
負傷者	0人
主な報道	Jesse J. Holland, "Poisonous Ricin Shows up in Senate Mailroom, Frist Says," The Associated Press, February 3, 2004. Dan Eggen and Carol Leonnig, "Investigators Seek Ties in Anthrax, Ricin Cases," The Washington Post, January 4, 2004. Curt Anderson, "Investigators Struggle With Ricin Probe," The Associated Press, March 10, 2004.