

Laboratory Aspects of Bioterrorism Resources

General Bioterrorism Sites

American Society for Microbiology, Biological Weapons Resources Center

<http://www.asm.org/Policy/index.asp?bid=520>

Range of information from specific legislation to handling guideline for biological agents.

Centers for Disease Control (CDC): Emergency Preparedness & Response:

<http://www.bt.cdc.gov>

This website covers emergency preparedness information ranging from individual descriptions of biological agents to emergency planning & training programs.

Department of Homeland Security: Ready.gov: Biological Threat:

<http://www.ready.gov/biological.html>

The department of homeland Security provides a layman's guide for dealing with a biological attack.

Medline Plus: Biodefense and Bioterrorism

<http://www.nlm.nih.gov/medlineplus/biodefenseandbioterrorism.html>

This site includes news updates, general overviews, prevention, treatment, laws, and research updates.

Nuclear, Biological, and Chemical Medicine (NBC-MED):

<http://www.nbc-med.org/>

NBC-MED was developed as a resource for US military medical personnel. It provides current news information about bioterrorist threats.

Public Health Foundation: Public Health Infrastructure

<http://www.phf.org/infrastructure/index.php>

University of Pittsburgh Medical Center: Center for Biosecurity

www.upmc-biosecurity.org

An independent, non-profit organization of the University of Pittsburgh Medical Center that works to prevent the development and use of biological weapons.

The University of Michigan Bioterrorism Preparedness Initiative

www.mipreparedness.org

“The University of Michigan Bioterrorism Preparedness Initiative was founded in 2002 to apply the research and training resources and expertise of the University of Michigan to prepare for and prevent Bioterrorism and other health crises in collaboration with federal, state, and local agencies.”

Information on Specific Agents

ASTDR: ToxFAQs

<http://www.atsdr.cdc.gov/toxfaq.html>

Bioterrorism Agent Fact Sheet: Anthrax (Saint Louis University School of Public Health)

<http://www.bioterrorism.slu.edu/anthrax/quick/anthrax01.pdf>

Bioterrorism Agent Fact Sheet: Tularemia (Saint Louis University School of Public Health)

<http://www.bioterrorism.slu.edu/tularemia/quick/tularemia01.PDF>

Bioterrorism Practical Preparedness Network (BIO-PRN): Clinicians: Patient Simulation:

<http://bioprn.advancepcsmndnet.com/simulation.html>

BIO-PRN is designed to be a ready reference for clinicians- aiding in recognition, diagnosis and treatment.

E Medicine: Emergency Medicine: Warfare- chemical, biological, radiological, nuclear, and explosives:

http://www.emedicine.com/emerg/WARFARE_CHEMICAL_BIOLOGICAL_RADIOLOGICAL_NUCLEAR_AND_EXPLOSIVES.htm

The e-medicine site links to detailed topics related to bioterrorism including in-depth descriptions of biological agents, evaluations of victims, and personal protection procedures.

California Environmental Health Laboratory Branch: Chemical Agents Monitoring Unit

www.dhs.cahwnet.gov/ps/deodc/ehlb/cabu

Handling instructions for laboratory specimens in suspected chemical agent exposure cases from the state of California.

Centers for Disease Control (CDC): Bioterrorism Agents/Diseases

<http://www.bt.cdc.gov/agent/agentlist.asp>

Environmental Protection Agency (EPA): Acute Exposure Guideline Levels (AEGs)

<http://www.epa.gov/oppt/aegl/chemlist.htm>

Michigan Department of Community Health: Clinical Aspects of Critical Biological Agents

<http://www.mappp.org/epi/info/>

An online tutorial which may be used for physician continuing medical education credits.

MSDS Xchange

<http://www.msdsxchange.com>

Material Safety Data Sheets with information on weapons of opportunity and chemical hazards.

NIOSH: International Chemical Safety Cards

<http://www.cdc.gov/niosh/ipcs/nicstart.html>

NIOSH: Pocket Guide to Chemical Hazards

<http://www.cdc.gov/niosh/npg/npg.html>

Nuclear, Biological, and Chemical Medicine (NBC-MED): Medical Aspects of Chemical & Biological Warfare

<http://www.nbc-med.org/SiteContent/HOMePage/WhatsNew/MedAspects/contents.html>

Right to Know Hazardous Substance Fact Sheets

<http://www.state.nj.us/health/eoh/rtkweb/rtkhsfs.htm>

From the New Jersey Department of Health and Senior Services.

Specialized Information Services (SIS) and the National Library of Medicine (NLM):
Chemical Warfare agents:

<http://sis.nlm.nih.gov/Tox/ChemWar.html>

This site has a comprehensive listing of chemical and biological agents, government information resources, electronic books, and related websites.

Online Texts

2000 Emergency Response Guidebook

<http://hazmat.dot.gov/gydebook.htm>

“A guide to aid first responders in (1) quickly identifying the specific or generic classification of the material(s) involved in the incident, and (2) protecting themselves and the general public during this initial response phase of the incident.”

ACP Guide to Chemical Terrorism Identification

http://www.acponline.org/bioterro/chen_terr.pdf

ATSDR: Managing Hazardous Material Incidents

<http://www.atsdr.cdc.gov/mhmi.html>

National Academy Press (NAP): Searchable Webshelf Collection: Responding First to Bioterrorism:

<http://www.nap.edu/shelves/first/>

Radio Television News Directors Association & Foundation:

<http://www.rtnda.org/resources/bioterror.shtml>

This website links to books and articles about bioterrorism topics.

USAMRIID's Medical Management of Biological Casualties Handbook (Blue Book)

<http://www.usamriid.army.mil/education/bluebook.html>

US Army Center for Health Promotion and Preventive Medicine: Glossary of Terms for Nuclear, Biological, and Chemical Agents and Defense Equipment

<http://chppm-www.apgea.army.mil/documents/TG/TECHGUID/TG204a.pdf>

Physician Pocket Guide for Chemical Terrorism Identification

http://www.acponline.org/bioterro/chem_terr.pdf

Journal Articles

Borio L et al. Hemorrhagic fever viruses as biological weapons: medical and public health management. JAMA. 2002 May 8;287(18):2391-405.

Dennis DT et al. Tularemia as a biological weapon: medical and public health management. JAMA. 2001 Jun 6;285(21):2763-73.

Arnon SS et al. Botulinum toxin as a biological weapon: medical and public health management. JAMA. 2001 Feb 28;285(8):1059-70.

Inglesby TV et al. Plague as a biological weapon: medical and public health management. Working Group on Civilian Biodefense. JAMA. 2000 May 3;283(17):2281-90.

Henderson DA et al. Smallpox as a biological weapon: medical and public health management. Working Group on Civilian Biodefense. JAMA. 1999 Jun 9;281(22):2127-37.

Inglesby TV et al. Anthrax as a biological weapon: medical and public health management. Working Group on Civilian Biodefense. JAMA. 1999 May 12;281(18):1735-45.