

Laboratory Management

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URGENT: Registration of Select Agents

Under the terms of the Public Health Security and Bioterrorism Response Act of 2002, the federal government is requiring the registration of **all** facilities currently holding any of a list of "Select Agents". In this case a facility can be deemed to be the Columbus Campus of The Ohio State University. The United States Department of Health and Human Services (HHS) and the United States Department of Agriculture (USDA) are required to provide lists of agents. **The Ohio State University must then respond, telling the federal government by 12 September 2002 of the presence of any of these agents.** There are no exemptions with respect to the LD₅₀ of toxins as there was in the Bioterrorism and Effective Death Penalty Act of 1996; all select agents are reportable and the individuals with access to the agents are subject to background checks by the United States Justice Department (*vide infra*). The following is the most up-to-date list of Select Agents available to the University. The USDA has published a preliminary list of plant pathogens. If you have any of the following agents and have not already indicated to the Institutional Biosafety Officer that you do, it is imperative that such information be passed on immediately.

For those maintaining the "Select Agents" in their laboratory there is the additional requirement by the Act of specific security requirements and personnel screening. The details of the security requirements for each agent will be forthcoming from HHS and USDA. Personnel screening is to be completed to ensure that access to the Select Agents is denied to individuals with criminal felony records, are fugitives, are under investigation for involvement with terrorist organizations, are illegal foreign nationals, are from terrorist-sponsoring countries, or are suspected of espionage activities for the military or intelligence operations of a foreign nation.

The penalties for violating the regulations are stringent. Those caught either possessing or transferring Select Agents without registration or approval face jail sentences up to five years and civil penalties up to \$500,000.

The following are current lists of the Select Agents. The lists will be updated as information from HHS and USDA is received. Contact Cecil Smith (2-1284) for registration details.

USDA LIST OF PLANT BIOLOGICAL AGENTS AND TOXINS

<i>Liberobacter africanus</i>	<i>Ralstonia solanacearum</i> Race 3
<i>Liberobacter asiaticus</i>	<i>Sclerophthora rayssiae</i> var. <i>zeae</i>
<i>Peronosclerospora philippinensis</i>	<i>Synchytrium endobioticum</i>
<i>Phakopsora pachyrhizi</i>	<i>Xanthomonas oryzae</i> pv. <i>oryzicola</i>
Plum pox potyvirus	<i>Xylella fastidiosa</i> (citrus variegated chlorosis strain)

HHS Select Agents	
Crimean-Congo hæmorrhagic fever virus	Viruses causing hantavirus pulmonary syndrome
Ebola viruses	Yellow fever virus
Lassa fever virus	<i>Yersinia pestis</i>
Marburg virus	Abrin
<i>Rickettsia prowazekii</i>	Conotoxins
<i>Rickettsia rickettsii</i>	Diacetoxyscirpenol
South American Hæmorrhagic fever viruses (Junin, Machupo, Sabia, Flexal, Guanarito)	Ricin
Tick-borne encephalitis complex viruses	Saxitoxin
Variola major virus (Smallpox virus)	Tetrodotoxin
USDA-HHS OVERLAP AGENTS	
<i>Bacillus anthracis</i>	Equine Morbillivirus (Hendra Virus, Nipah Virus)
<i>Brucella abortus</i>	<i>Francisella tularensis</i>
<i>Brucella melitensis</i>	Rift Valley Fever virus
<i>Brucella suis</i>	Venezuelan Equine Encephalitis virus
<i>Burkholderia (Pseudomonas) mallei</i>	Aflatoxins
<i>Burkholderia (Pseudomonas) pseudomallei</i>	Botulinum toxins
<i>Clostridium botulinum</i>	<i>Clostridium perfringens</i> epsilon toxin
<i>Coccidioides immitis</i>	Shigatoxin
<i>Coxiella burnettii</i>	Staphylococcal Enterotoxin
Eastern Equine Encephalitis virus	T-2 toxin
USDA LIST OF LIVESTOCK PATHOGENS AND TOXINS WITH HIGH CONSEQUENCE	
African Horse Sickness Virus	Lumpy Skin Disease Virus
African Swine Fever	Malignant Catarrhal Fever
Akabane Virus	Manangle Virus
Avian Influenza Virus (Highly pathogenic)	<i>Mycoplasma capricolum</i>
Blue Tongue Virus (Exotic)	<i>Mycoplasma mycoides mycoides</i> (Contagious Bovine Pleuropneumonia agent)
Bovine Spongiform Encephalopathy Agent	Newcastle Disease Virus (Exotic)
Camel Pox Virus	Peste des Petits Ruminants
Classical Swine Fever	Rinderpest Virus
<i>Cowdria ruminantium</i> (Heartwater)	Sheep Pox
Foot and Mouth Disease Virus	Swine Vesicular Disease Virus
Goat Pox Virus	Vesicular Stomatitis Virus
Japanese Encephalitis Virus	