



Environmental Health and Safety

UNIVERSITY OF CENTRAL FLORIDA

HHS Select Agents and Toxins	
<input type="checkbox"/>	Abrin
<input type="checkbox"/>	<i>Bacillus cereus</i> Biovar <i>anthracis</i>
<input type="checkbox"/>	Botulinum neurotoxins
<input type="checkbox"/>	<i>Clostridium botulinum</i> and neurotoxin-producing species of <i>Clostridia</i>
<input type="checkbox"/>	Conotoxins (Short, paralytic alpha conotoxins containing the following amino acid sequence X ₁ CCX ₂ PACGX ₃ X ₄ X ₅ X ₆ CX ₇)
<input type="checkbox"/>	<i>Coxiella burnetii</i>
<input type="checkbox"/>	Crimean-Congo hemorrhagic fever virus
<input type="checkbox"/>	Diacetoxyscirpenol
<input type="checkbox"/>	Eastern equine encephalitis virus
<input type="checkbox"/>	Ebola virus
<input type="checkbox"/>	<i>Francisella tularensis</i>
<input type="checkbox"/>	Lassa fever virus
<input type="checkbox"/>	Lujo virus
<input type="checkbox"/>	Marburg virus
<input type="checkbox"/>	Mpox virus Clade I
<input type="checkbox"/>	1918-1919 H1N1 including reconstructed replication competent forms of the 1918 pandemic influenza virus containing any portion of the coding regions of all eight gene segments (Reconstructed 1918 Influenza virus)
<input type="checkbox"/>	Ricin
<input type="checkbox"/>	<i>Rickettsia prowazekii</i>
<input type="checkbox"/>	Severe acute respiratory coronavirus (SARS-CoV)
<input type="checkbox"/>	SARS-CoV/SARS-CoV-2 chimeric viruses resulting from any deliberate manipulation of SARS-CoV-2 to incorporate nucleic acids coding for SARS-CoV virulence factors
<input type="checkbox"/>	Saxitoxin
<input type="checkbox"/>	Chapare virus
<input type="checkbox"/>	Guanarito virus
<input type="checkbox"/>	Junín virus
<input type="checkbox"/>	Machupo virus
<input type="checkbox"/>	Sabía virus
<input type="checkbox"/>	Staphylococcal enterotoxins (subtypes A, B, C, D, E)
<input type="checkbox"/>	T-2 toxin
<input type="checkbox"/>	Tetrodotoxin
<input type="checkbox"/>	Tick-borne encephalitis complex virus: Far Eastern subtype
<input type="checkbox"/>	Tick-borne encephalitis complex virus: Siberian subtype
<input type="checkbox"/>	Kyasanur Forest disease virus
<input type="checkbox"/>	Omsk hemorrhagic fever virus
<input type="checkbox"/>	Variola major virus (Smallpox virus)

This list of agents was obtained from the [Implementation Guidance](#) for the United States Government Policy for Oversight of Dual Use Research of Concern and Pathogens with Enhanced Pandemic Potential.



Environmental Health and Safety

UNIVERSITY OF CENTRAL FLORIDA

<input type="checkbox"/>	Variola minor virus (Alastrim)
<input type="checkbox"/>	<i>Yersinia pestis</i>
Overlap Select Agents and Toxins	
<input type="checkbox"/>	<i>Bacillus anthracis</i>
<input type="checkbox"/>	<i>Bacillus anthracis</i> Pasteur strain
<input type="checkbox"/>	<i>Brucella abortus</i>
<input type="checkbox"/>	<i>Brucella melitensis</i>
<input type="checkbox"/>	<i>Brucella suis</i>
<input type="checkbox"/>	<i>Burkholderia mallei</i>
<input type="checkbox"/>	<i>Burkholderia pseudomallei</i>
<input type="checkbox"/>	Hendra virus
<input type="checkbox"/>	Nipah virus
<input type="checkbox"/>	Rift Valley fever virus
<input type="checkbox"/>	Venezuelan equine encephalitis virus
USDA Veterinary Services Select Agents and Toxins	
<input type="checkbox"/>	African horse sickness virus
<input type="checkbox"/>	African swine fever virus
<input type="checkbox"/>	Avian influenza virus [this is included here as a veterinary select agent in 9 CFR 121.3. Low pathogenicity strains are excluded.]
<input type="checkbox"/>	Classical swine fever virus
<input type="checkbox"/>	Foot-and-mouth disease virus
<input type="checkbox"/>	Goat pox virus
<input type="checkbox"/>	Lumpy skin disease virus
<input type="checkbox"/>	<i>Mycoplasma capricolum</i>
<input type="checkbox"/>	<i>Mycoplasma mycoides</i>
<input type="checkbox"/>	Newcastle disease virus
<input type="checkbox"/>	Peste des petits ruminants virus
<input type="checkbox"/>	Rinderpest virus
<input type="checkbox"/>	Sheep pox virus
<input type="checkbox"/>	Swine vesicular disease virus
USDA Plant Select Agents and Toxins	
<input type="checkbox"/>	<i>Coniothyrium glycines</i>
<input type="checkbox"/>	<i>Peronosclerospora philippinensis</i> (<i>Peronosclerospora sacchari</i>)
<input type="checkbox"/>	<i>Ralstonia solanacearum</i>
<input type="checkbox"/>	<i>Rathayibacter toxicus</i>
<input type="checkbox"/>	<i>Sclerophthora rayssiae</i>
<input type="checkbox"/>	<i>Synchytrium endobioticum</i>
<input type="checkbox"/>	<i>Xanthomonas oryzae</i>
Other Risk Group 4 Pathogens	

This list of agents was obtained from the [Implementation Guidance](#) for the United States Government Policy for Oversight of Dual Use Research of Concern and Pathogens with Enhanced Pandemic Potential.



Environmental Health and Safety

UNIVERSITY OF CENTRAL FLORIDA

<input type="checkbox"/>	Tick-borne encephalitis virus complex including Absetterov, Central European encephalitis, Hanzalova, Hypr, and Kumlinge
<input type="checkbox"/>	Herpesvirus simiae (herpes B or monkey B virus)
<input type="checkbox"/>	Hemorrhagic fever agents and viruses as yet undefined
Other Risk Group 3 Pathogens	
<input type="checkbox"/>	<i>Bartonella</i>
<input type="checkbox"/>	Brucella
<input type="checkbox"/>	<i>Orientia tsutsugamushi</i>
<input type="checkbox"/>	<i>Pasteurella multocida</i> type B -"buffalo" and other virulent strains
<input type="checkbox"/>	<i>Rickettsia akari</i> , <i>R. australis</i> , <i>R. canada</i> , <i>R. conorii</i> , <i>R. rickettsii</i> , <i>R. siberica</i> , <i>R. typhi</i> (<i>R. mooseri</i>)
<input type="checkbox"/>	Chikungunya virus except the vaccine strain 181/25
<input type="checkbox"/>	Semliki Forest virus
<input type="checkbox"/>	St. Louis encephalitis virus
<input type="checkbox"/>	Flexal virus
<input type="checkbox"/>	Lymphocytic choriomeningitis virus (LCM) (neurotropic strains)
<input type="checkbox"/>	Hantaviruses, including Hantaan virus
<input type="checkbox"/>	Middle East respiratory syndrome coronavirus (MERS-CoV)
<input type="checkbox"/>	Severe acute respiratory coronavirus 2 (SARS-CoV-2)
<input type="checkbox"/>	Japanese encephalitis virus except strain SA 14-14-2
<input type="checkbox"/>	West Nile virus
<input type="checkbox"/>	Yellow fever virus
<input type="checkbox"/>	Human influenza A virus H2N2 (1957-1968)
<input type="checkbox"/>	Highly pathogenic avian influenza A virus H5Nx strains within the Goose/Guangdong/96-like H5 lineage (e.g., H5N1, H5N6, H5N8 etc.)
<input type="checkbox"/>	Transmissible spongiform encephalopathy (TSE) agents (e.g., Creutzfeldt-Jacob disease and kuru agents)
Other	
<input type="checkbox"/>	Any attenuated pathogen or vaccine strain that is currently excluded from the Select Agent Regulations that exhibits the recovery of virulence at or near the wild-type
<input type="checkbox"/>	Mpox virus clade I/II chimeric viruses resulting from any deliberate manipulation of clade II to incorporate nucleic acids coding for clade I virulence factors

This list of agents was obtained from the [Implementation Guidance](#) for the United States Government Policy for Oversight of Dual Use Research of Concern and Pathogens with Enhanced Pandemic Potential.