

**Biological Use Survey
Georgia State University**

Please complete the Biological Use Survey at your earliest convenience. If you have questions regarding the Survey, please contact Jeff Owens, GSU Biological Safety Officer, at 404-463-0093 or jowens@gsu.edu.

Please return the Survey in one of the following manners:

- Email attachment to jowens@gsu.edu
- Fax to Office of Research and Sponsored Programs, 404-654-5838
- Campus Mail to ORSP, MSC 3A0036

SECTION 1: GENERAL INFORMATION	
Principal Investigator (<i>faculty member who is assigned the space where this research is conducted</i>)	
Name	
Title	
Department	
Mailing Address	
Phone	
Email	

Primary Laboratory Contact (<i>if other than Principal Investigator</i>)	
Name	
Title	
Department	
Mailing Address	
Phone	
Email	

Please list the number of each type of laboratory staff working in your lab(s):	
Faculty	
Staff	
Postdoctoral	
Graduate Students	
Undergraduate Students	
Other	

Please list the building(s) and room(s) in which your research occurs:

SECTION 2: RESEARCH WITH BIOLOGICAL MATERIALS			
Y E S	N O	Do you (or will you) conduct work involving:	If yes, complete information as requested in each individual cell.
		Agents infectious to humans? <i>("agents" include bacteria, viruses, fungi, parasites, chlamydia, rickettsias, prions, etc.)</i>	Please specify agents (genus, species):
		Agents considered "Select Agents" under 42 CFR Part 73 (see Appendix A)?	Please specify agents:
		Agents infectious to animals?	Please specify agents (genus, species):
		Agents infectious to plants?	Please specify agents (genus, species):
		Human or animal toxins?	Please specify toxins and amount of each under your control:
		Human or non-human primate tissues, body fluids, cells, or cell/tissue cultures?	For NHP, from what species?
		Animal tissues, fluids, cells, or cell/tissue cultures (other than those from humans and non-human primates)?	From what species?
		Recombinant DNA materials?	
		Transgenic animals?	
		Transgenic plants?	
		Gene transfer/therapy?	Please specify the genetic material being transferred and list the vector/mechanism by which it is being transferred:
		Releases of recombinant DNA to the environment?	Please describe the nature of release:
		Animals?	Please list the species of animals used:

SECTION 3: SHIPMENT, IMPORT, EXPORT OF BIOLOGICAL MATERIALS		
Y E S	N O	Do you (or will you) ship, import, or export any of the following materials:
		Agents infectious to humans?
		Human body fluids and/or tissues?
		Agents infectious to animals?
		Animal body fluids and/or tissues?
		Agents infectious to plants?
		Other animal-derived materials?

SECTION 4: FACILITIES/EQUIPMENT		
Y E S	N O	
		Do you produce biological wastes (materials containing or contaminated by viable microorganisms or human/animal body fluids or tissues)?
		Do you use a Biological Safety Cabinet(s) (vertical laminar flow hood)?
		If yes, please specify location(s):
		Do you use a Clean Air Bench(es) (horizontal laminar flow hood)?
		If yes, please specify location(s):
		Do you use a Glove Box(es)?
		If yes, please specify location(s):
		Do you use a Clean Room(s)?
		If yes, please specify location(s):
		Do you use an Autoclave(s)?
		If yes, please specify location(s):

SECTION 5: APPROVALS		
Y E S	N O	Has your research been registered with any of the following Vanderbilt committees:
		Institutional Biosafety Committee?
		Radiation Safety Committee?
		Institutional Review Board (Human Subject Protection)?
		Institutional Animal Care and Use Committee?

COMMENTS/ADDITIONAL INFORMATION NOT REQUESTED ABOVE?
IS THERE ANYTHING THAT THE GSU BIOSAFETY PROGRAM CAN ASSIST YOU WITH OR ANY SERVICE THAT YOU WOULD LIKE TO SEE PROVIDED?

Appendix A: Select Agents and Toxins listed in 42 CFR Part 73

HHS NON-OVERLAP SELECT AGENTS AND TOXINS

Crimean-Congo haemorrhagic fever virus
Coccidioides posadasii
Cercopithecine herpesvirus 1 (Herpes B virus)
Ebola viruses
Lassa fever virus
Marburg virus
Monkeypox virus
Rickettsia prowasekii
Rickettsia rickettsii
South American Haemorrhagic fever viruses:
 Junin
 Machupo
 Sabia
 Flexal
 Guanarito
Tick-borne encephalitis complex (flavi) viruses
 Central European tick-borne encephalitis
 Far Eastern tick-borne encephalitis
 Russian spring and summer encephalitis
 Kyasanur forest disease
 Omsk hemorrhagic fever
Variola major virus (Smallpox virus)
Variola minor virus (Alastrim)
Yersinia pestis
Abrin
Conotoxins
Diacetoxyscirpenol
Ricin
Saxitoxin
Shiga-like ribosome inactivating proteins
Tetrodotoxin

HIGH CONSEQUENCE LIVESTOCK PATHOGENS AND TOXINS / SELECT AGENTS (OVERLAP AGENTS)

Bacillus anthracis
Brucella abortus
Brucella melitensis
Brucella suis
Burkholderia mallei (formerly *Pseudomonas mallei*)
Burkholderia pseudomallei (formerly *Pseudomonas pseudomallei*)
Botulinum neurotoxin producing species of *Clostridium*
Coccidioides immitis
Coxiella burnetii
Eastern Equine Encephalitis virus
Hendra virus
Francisella tularensis
Nipah virus
Rift Valley Fever virus
Venezuelan Equine Encephalitis virus
Botulinum neurotoxin
Clostridium perfringens epsilon toxin
Shigatoxin
Staphylococcal enterotoxins
T-2 toxin

USDA HIGH CONSEQUENCE LIVESTOCK PATHOGENS AND TOXINS (NON-OVERLAP AGENTS AND TOXINS)

Akabane virus
African swine fever virus
African horse sickness virus
Avian influenza virus (highly pathogenic)
Blue tongue virus (exotic)
Bovine spongiform encephalopathy agent
Camel pox virus
Classical swine fever virus
Cowdria ruminantium (Heartwater)
Foot and mouth disease virus
Malignant catarrhal fever virus (exotic)
Menangle virus
Mycoplasma capricolum M.F38/M. *mycoides* Capri
Mycoplasma mycoides mycoides
Newcastle disease virus (VVND)
Peste Des Petits Ruminants virus
Rinderpest virus
Sheep pox virus
Swine vesicular disease virus
Vesicular stomatitis virus (exotic)

LISTED PLANT PATHOGENS

Liberobacter africanus
Liberobacter asiaticus
Peronosclerospora philippinensis
Phakospora pachyrhizi
Plum pox potyvirus
Ralstonia solanacearum race 3, biovar 2
Schlerophthora rayssiae var *zeae*
Synchytrium endobioticum
Xanthomonas oryzae
Xylella fastidiosa (citrus variegated chlorosis strain)

GENETIC ELEMENTS, RECOMBINANT NUCLEIC ACIDS, AND RECOMBINANT ORGANISMS

- (1) Select agent viral nucleic acids (synthetic or naturally derived, contiguous or fragmented, in host chromosomes or in expression vectors) that can encode infectious and/or replication competent forms of any of the select agent viruses.
- (2) Nucleic acids (synthetic or naturally derived) that encode for the functional form(s) of any of the toxins listed in paragraph (d) of this section if the nucleic acids:
 - (i) Are in a vector or host chromosome;
 - (ii) Can be expressed *in vivo* or *in vitro*; or
 - (iii) Are in a vector or host chromosome and can be expressed *in vivo* or *in vitro*.
- (3) Viruses, bacteria, fungi, and toxins on this list that have been genetically modified.