According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these information collections are 0579-0213 for APHIS and 0920-0576 for CDC. The time required to complete the information collection for APHIS ranges from 3.75 to 19.5 hours per response, and the time required to complete the information collection for CDC ranges from 4 to 31 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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APPLICATION FOR REGISTRATION FOR POSSESSION, USE, AND TRANSFER OF SELECT AGENTS AND TOXINS (APHIS/CDC FORM 1)

FORM APPROVED OMB NO. 0579-0213 OMB NO. 0920-0576 EXP DATE XX/XX/XXXX

	Section 1A – Entit	y Informati	ion		
This submission is:	stration	ng registration	☐ A renewal	Dat	e:
	ENTITY INFOR	RMATION			
Entity Application Number (e.g., CD	CO30001):				
Current Registration Number (e.g.,	A0000000-0000):				
Entity Name:					
Physical Address (NOT a post office	e box):	City:		State:	Zip Code:
Additional Physical Address(es):				l	
Type of Entity: Academic (Pr			☐ Comme		ofit)
·	RESPONSIBLE OFFICIA	AL INFORM	ATION		
Last Name:	First Name:		DOJ Number:		Date of Birth:
Business E-mail Address:	Title (e.g., Biosafety Of	fficer):			Tier 1 Access
Business Telephone #:	Business Fax #:		Emergency Tel	ephone #	‡ :
Mailing Address (NOT a post office	box):	City:		State:	Zip Code:
	ALTERNATE RESPONSIBLE	OFFICIAL IN	FORMATION		
Last Name:	First Name:		DOJ Number:		Date of Birth:
Business E-mail Address:	Title (e.g., Biosafety Of	fficer):			Tier 1 Access
Business Telephone #:	Business Fax #:		Emergency Tel	ephone #	‡ :
Mailing Address (NOT a post office	box):	City:		State:	Zip Code:
Last Name:	First Name:		DOJ Number:		Date of Birth:
Business E-mail Address:	Title (e.g., Biosafety Of	fficer):			Tier 1 Access
Business Telephone #:	Business Fax #:		Emergency Tel	ephone #	#:
Mailing Address (NOT a post office	box):	City:		State:	Zip Code:
	OWNER / CONTROLLER INFO	RMATION (I	lf Applicable)		
Last Name:	First Name:				
DOJ Number:	Date of Birth:		Tier 1 Access	6	
Last Name:	First Name:				
DOJ Number:	Date of Birth:		Tier 1 Access	6	
This submission is:	istration	te to an existir	ng registration		☐ A renewal
Entity Name:					Date:

Section 1B - Certification of Responsibility

I hereby certify that I have been designated as the Responsible Official or the Alternate Responsible Official(s) for the institution/organization listed above, that I am authorized to bind the institution/organization, and that the information supplied in this registration package is, to the best of my knowledge, accurate and truthful. The institution/organization listed above meets the requirements specified in 42 CFR Part 73 and/or 7 CFR Part 331 and/or 9 CFR Part 121, is equipped and capable of safely and securely handling the agent(s), and will use or transfer these agents solely for purposes authorized by 42 CFR Part 73 and/or 7 CFR Part 331 and/or 9 CFR Part 121.

I understand that submission of a false statement and/or failure to comply with the provisions of the applicable regulations (42 CFR Part 73 and/or 7 CFR Part 331 and/or 9 CFR Part 121) may result in the immediate revocation of this entity's registration, a civil penalty of up to \$500,000 for each violation, and a criminal penalty and/or imprisonment up to five years for each violation. (7 USC 8401; 18 USC 175, 175B, 1001, 3559, 3571; 42 USC 262a).

Responsible Official Signature	Date	Responsible Official Name (Typed or Printed)
Alternate Responsible Official Signature	 Date	Alternate Responsible Official Name (Typed or Printed)
Alternate Responsible Official Signature	 Date	Alternate Responsible Official Name (Typed or Printed)
Alternate Responsible Official Signature	 Date	Alternate Responsible Official Name (Typed or Printed)
Alternate Responsible Official Signature		Alternate Responsible Official Name (Typed or Printed)

This submission	s: A new registration	☐ An update to an existing registration	☐ A renewal
Entity Name:			Date:
		Section 1C – Entity Abstract	
general laborato research structure of the se	estimated number of emplories, overall scope of resean, education, or expertise case of the institution related to elect agent and toxin work a	estitution mission, functions, and size. This inforces, square footage of entire campus or facturch, and any international collaborations. Spean be highlighted. Include a brief description of oversight of the select agent facility/facilities. At the entity including mission, function, and six will be required in later sections of this application.	ility, number of ecialized areas of of the management Provide a brief summary ze. Note: information

This submission is:	A new registration	☐ An update to an existing registration	☐ A renewal					
Entity Name:			Date:					
Section 2 – Responsible Official Certification of Personnel and Facility Activities								
		re in effect and contain all information req 1, and 42 CFR 73] (initial each line):	uired by the Select					
Security,	Biosafety and Incident Respo	<u>onse</u>						
ass	There is a written, site-specific security plan designed according to a site-specific risk assessment that provides graded protection in accordance with the risk of the select agent and/or toxin.							
the		and site-specific biosafety plan commer ontains sufficient information and docume ires.						
sele loss	ct agent and/or toxin that fully of	cident response plan commensurate with describe the entity's response procedures d/or toxin, inventory discrepancies, secur	to include the theft,					
		t response plans are reviewed annually a or exercise and after any incident.	nd revised as					
		es are conducted at least annually to validety and incident response plans.	date or test the					
Training								
	l are provided training appropriate for their							
Records								
Con	an accurate, current inventory information about all entries in	or at least 3 years that include but are not or for each select agent and/or toxin posse not areas containing select agent and/or toxin that have been granted access approval.	ssed,					
	ble Official Duties & APHIS/Consible Official will:	DC Program Notification						
	in are stored or used to assess	I for each laboratory and storage area wh compliance with the requirements of the						
but not lim select age	Submit an amendment for any change in circumstances to the certificate of registration, including but not limited to: adding or removing individuals, addition of a suite/room prior to use or storage of select agent and/or toxin and any changes to Responsible or Alternate Responsible Official contact information.							
		rior to an individual or entity conducting a .13, 9 CFR Part 121.13 or 42 CFR Part 7						
Ensure inv		s defined in 7 CFR Part 331.11, 9 CFR Pa	art 121.11 or 42					
This submission is:	☐ A new registration	☐ An update to an existing registration	☐ A renewal					
Entity Name:			Date:					

Section 2 - Responsible Official Certification of Personnel and Facility Activities (Continued)

I certify that the following requirements are in effect and contain all information required by the Select Agent regulations [7 CFR 331, 9 CFR 121, and 42 CFR 73] (initial each line):

	Federal Select Age	otification (Continued) Int Program using APHIS/CDC Form 2 prior to as put forth within Section 16 of the Select Agent
Upon discovery of a theft or los appropriate Federal, State, or lo required upon discovery of a re release of a select agent and/or	ocal law enforcement lease of a select agon toxin outside the pubmitted to the Fede	y the Federal Select Agent Program and nt agencies. Immediate notification is also ent or toxin causing occupational exposure or a rimary barriers of the containment area. An eral Select Agent Program within seven calendar
identification of any Tier 1 select appropriate authorities when re for the identification and final di presented for diagnosis or verif	ct agent and/or toxir quired by Federal, S sposition of any sel ication within seven	select agent as defined in 9 CFR 121.5, or the a, to the Federal Select Agent Program and other State, or local law. Submit APHIS/CDC Form 4 ect agent or toxin contained in a specimen calendar days of identification and/or in a 0 calendar days of receipt of the sample.
Responsible Official Signature	Date	Responsible Official Name (Typed or Printed)

This submission is:	☐ A new registration	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	☐ A renewal
Entity Name:			Date:
	Soci	there Co. Coloot Amente and Toying	
		tion 3 – Select Agents and Toxins	
HHS Ac	gents and Toxins	Overlap Agents and Toxins	USDA Agents and Toxins
(Chec	k if possessed)	(Check if possessed)	(Check if possessed)

This submission is:	☐ A new registration	☐ An update to an existing registration	☐ A renewal
Entity Name:			Date:

Section 4A – Laboratorians and Animal Care Staff							
Tier 1 Access	Last Name	First Name	DOJ Unique Identifier Number	Date of Birth (mm/dd/yyyy)	Role	Supervising Principal Investigator	
been or wi address th refresher t	at information and trai Il be provided to the in the needs of the individual raining will be provided the training will be n Signature:	ndividuals listed abo lual, the work being ed for these individu	ove before they hav performed, and risl als. Written records	e access to select ks posed by the se	agents and tox elect agents and sed to verify tha	ns. Training will /or toxins. Annual	

This submission is:	egistration	n update to an existing regis	stration	☐ A renewal	
Entity Name:				Date:	-
					_
	Section	n 4B – Support Staff			
Tier 1 Access Last Name	First Name	DOJ Unique Identifier Number	Date of Birth (mm/dd/yyyy)	Role	
I certify that information and traing role, has been or will be provided address the needs of the individuals be provided for these individuals maintained for at least three yea RO/ARO Signature:	d to the individuals listed ab ual, the work they do, and ri s. Written records and the m	ove before they have accisks posed by the select a leans used to verify that the	ess to select agents agents agents and/or toxins.	and toxins. Training will Annual refresher training wil	I
-					_
This submission is:	egistration	n update to an existing regis	stration	☐ A renewal	
Entity Name:				Date:	

		Section 4C - 0	nescortea visit	Section 4C – Unescorted Visitors						
For guidance and instructions on Visitors, please see www.selectagents.gov										
Tier 1 Access	Last Name	First Name	HOME ENTITY DOJ Unique Identifier Number	Date of Birth (mm/dd/yyyy)	Supervising Principal Investigator					
I certify that information and training on safety, security, and incident response for working with select agents and toxins has been or will be provided to the individuals listed above before they have access to select agents and toxins. Training will address the needs of the individual, the work being performed, and risks posed by the select agents and/or toxins. Annual refresher training will be provided for these individuals. Written records and the means used to verify that the individuals understood the training will be maintained for at least three years.										
RO/ARO Signature:										
This submiss		n 📗 An upd	ate to an existing reg	jistration	☐ A renewal					
Entity Name:					Date:					

Section 5A – Entity-Wide Security Assessment and Incident Response

1. The facility is: (check all that apply)

]]]	☐ Government owned☐ Entity owned☐ Other		Rented/leased Shared with anothe program	r entity or	
		the entity have a security officer or other individual(s) security matters?) ider	ntified to assist the	Yes□	No□
Г	I	f yes, does the security plan contain procedures for the RO and the entity's security professionals?	coor	dination between	Yes□	No□
	a. \ t	at assessment has been conducted: Were local law enforcement or federal agencies cons hreat assessment?			Yes□ Yes□	No□ No□
	c. F	Has there been a break-in at the entity in the last thre Have there been any direct threats against the entity ast three years?			Yes□ Yes□	No□ No□
d	d. H	Have there been protests at the entity in the last thre f yes to any of the above, describe below. Add addineeded.			Yes□	No□
a	a. A C C C C	r risk assessment As a condition of granting unescorted access, the enorganization on behalf of the entity, verifies (check allowed Educational background Previous work references Criminal history (beyond the security risk assess Agent Program) Other None Does the entity have policies and procedures for self	II that	apply):	ederal Sele Yes⊡	ect No⊡
	c. [Does the entity have policies and procedures for sen Does the entity have additional requirements for pers retain access to select agents or toxins?			Yes□	No□
а	a. I [[[]]	al hazards s the entity located in any of the following hazard zo Flood/flood zone Hurricane Tornado Other n the event of a natural disaster with warning, the erapply):		Earthquake (as defi Wildfire Tsunami	ned by US	SGS)
	[□ Secure the select agent and/or toxin in place. □ Transfer the select agent and/or toxin to an altered place. □ Destroy the select agent and/or toxin. □ Other 	nate	registered location o	or entity.	
nis submissio	on is:	☐ A new registration ☐ An update to an existing	g regi	stration	☐ A renewa	I
tity Name:					Date:	
		Section 5A – Entity-Wide Security Assessment and I	ncide	ent Response (Contir	ued)	
	agent	ere electronic records and databases that would allo and/or toxin?			Yes□	No□
	a.	If yes, indicate the means to control access by comp Is a stand-alone (non-networked) computer employe Area external connections to systems that control se	ed?		Yes□ Yes□	No□ No□

	C.	(remote log in, work from home). Is access to files or equipment containing select agent and/or toxin related information granted to users only when necessary to fulfill their roles and responsibilities?	Yes□	No□
	d.	Is user access modified when roles and responsibilities change or when their access to select agent and/or toxin is suspended or revoked?	Yes□	No□
	e.	Are user-based passwords employed?	Yes□	No□
	f.	Are anti-virus and anti-malware programs employed?	Yes□	No□
7.	Ship	ping/Receiving		
	a.	Does the entity have a centralized receiving area?	Yes□	No□
	b.	Are all personnel who ship or receive select agent and/or toxin shipments Security Risk Assessment (SRA) approved?	Yes□	No□
	C.	Are select agent and/or toxin shipments stored in a registered and secured area prior to distribution to the Principal Investigators (PIs)?	Yes□	No□
8.	Does	s the entity transport select agent and/or toxin outside of registered area(s)? If yes, does the security plan address transport of select agent and/or toxin material	Yes□	No□
		a. through non-registered areas?	Yes□	No□
		b. during intra-entity transfers using chain of custody documentation?	Yes□	No□
9.		a response time for local law, guard force or other designated responders determined?	Yes□	No□
10.		rmission required to conduct select agent and/or toxin work after established hours? If yes, who grants permission?	Yes□	No□
		□ RO/ARO		
		□ PI		
		Other		

This submission is:	☐ A new registration	☐ An update to an existing registration	☐ A renewal
Entity Name:			Date:

	Section 5B – Entity-Wide Biosafety/Biocontainment
L.	Describe the program or expertise used to develop and implement the biosafety and biocontainment procedures described in the site-specific biosafety or biocontainment plan. Add additional sheets as needed.

	needed.		
2.	Laboratory personnel must demonstrate proficiency in laboratory procedures prior to working with select agents and/or toxins.	Yes□	No□
3.	Appropriate Personal Protective Equipment (PPE) for the select agent and/or toxin and the work performed is required.	Yes□	No□
4.	Individuals with access to Tier 1 select agent and/or toxin are enrolled in an occupational health program.	Yes□	No□
5.	Laboratory personnel with access to non Tier 1 select agent and/or toxin are enrolled in an occupational health program as appropriate.	Yes□	No□
6.	There are policies for the safe handling of sharps.	Yes□	No□
7.	There is a spill protocol in place appropriate to the select agent and/or toxin risk.	Yes□	No□

Yes□ No□

There is an effective, integrated pest management program in place.

8.

nis submissio	n is: A new registration	☐ An update to an existing registration	☐ A renewal	
tity Name:			Date:	
	Section 5C – Entry Reg	uirements for Federal Select Agent Program Ins	pectors	
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	•	cility, such as gate location, visitor reception area, a visit. Add additional sheets as needed.	and	
Identifica	tion requirements:			
	Government ID			
	Other ID (describe)			
Are there	security clearance requireme	nts?	Yes□	No□
If ye	es, check all that apply.			
	hange of security clearance do Describe			
	npletion of entity specific secu			
•	tory protection required?		Yes□	No□
		nce for respirator use required.	Yes□	No□
	required respirators (check all	that apply):		
	N95			
	N100			
	PAPR: If required, will the ent		Yes□	No□
	Other	-		
List other as neede	nd	will be provided by the entity). Add additional shee	ts	
	documentation required:		Yes□	No□
	nunizations		Yes□	No□
	Recommended (specify)		· -	—
	D skin test (e.g. for animal cle	arance)	Yes□	No□
	In past 6 months?			
	In the past 12 months?			
-	specific training required?	ding the estimated time to complete all entry training	Yes□	No□
	es, provide a description (incluing nspectors). Add additional sh	ding the estimated time to complete all entry trainin	y	
101 11	nspectors). Aud auditional Sh	ceis as needed.		
Describe	any additional entry requirem	ents for inspectors. Add additional sheets as need	ed.	
This submis	ssion is: \square A new registration	\Box An update to an existing registration	□ A renew	al

Entity Na	ame:	Date:	
Building	g/Suite or Room:		
	Section 6A – Building and Suite/Room Specific Security		
	Section 6A – Building and Suite/Room Specific Security		
1.	Will this suite/room be used for Tier 1 select agent and/or toxin?	Yes□	No□
2.	Perimeter security measures outside the building (check all that apply): Security lighting Bars/security film on windows Exterior intrusion detection system Perimeter fence Roving guards Video surveillance of all access points Vehicle screening Other None		
3.	Access to building(s) or other area(s) housing the suite/room is controlled by (check all that apply): Lock and key Biometric system Other None Guards		
4.	Additional security measures present in the interior of the building where select agent and/or toxin is stored or used (check all that apply): Additional locked doors Card access system Card access system with PIN Biometric System Intrusion detection system a. What triggers the alarm? b. Is the alarm contracted to an outside company?	Yes□	No□
	 c. Who does the alarm notify? d. Are any emergency exits equipped with the same kind of intrusion detection system as the customary entrances? Video surveillance 	Yes□	No□
	 a. Does the video surveillance observe select agent and/or toxin work? b. Does the video surveillance observe select agent and/or toxin storage? c. Does the video surveillance observe access to the registered room? d. Is the video monitored by security personnel? e. Is the video reviewed by laboratory personnel? 	Yes Yes	No No No No No No No No
	None		

This submission	n is: 🔲 A new registration 🔲 An update to an existin	ng registration 🔲 A renewal
Entity Name:		Date:
Building/Suite	or Room:	-
	Section 6A – Building and Suite/Room Spec	cific Security (Continued)
5.	Access to suite/room where select agent and/or toxin is scontrolled by (check all that apply): Lock and key Card access system Card access system with PIN Biometric System Other	
6.	Access to the storage unit(s) where select agent and/or to controlled by (check all that apply): No access control on the storage unit(s) Lock and key Card access system Card access system with PIN Biometric System Other	
7.	Is there a pass through autoclave in the suite/room? If yes, are the doors interlocked?	Yes□ No□ Yes□ No□
8.	Is an autoclave outside of the suite/room used for decont agent and/or toxin waste? If yes, distance from suite/room to autoclave	
9.	Is there a pass through window or box at the perimeter of If yes, is it secured?	of the suite/room? Yes No Yes No
10.	Is there a dunk tank at the perimeter of the suite/room? If yes, is it secured?	Yes□ No□ Yes□ No□

This su	ıbmission is:	☐ A new registration	☐ An update to a	an existing registration		renewal	
Entity N	lame:				Dat	e:	
Buildir	ng/Suite or Ro	oom:			'		
		Secti	on 6B – Room/Suite F	Physical Information			
-	For each re		ea, laboratory suite or				
	Include a fle plan for each locations of drains, show including ty	oor plan for the suite of suite or room should fequipment [including wers, incubator, centrige (e.g., Class II, Type	r room where select ag d include as applicable: but not limited to]: sink, fuge, animal caging, au e A2; Class III)], Heating	ent and/or toxin is to be u points of entry and/or eg eyewash, fume hood, fre toclave, Biological Safety g Ventilation and Air Cond floor plan specifying airflo	gress for peezer, refri Cabinet (ditioning (F	ersonnel, gerator, fl BSC) HVAC) su	oor
	For storag	e only area(s), proce	ed to Section 7.				
	Answer the	e following questions	s for each laboratory s	suite or room:			
	questions a and Biomed Involving R	apply to each biosafety dical Laboratories (BM ecombinant DNA Mole	level according to the (BL), the National Instituctules, and the America	vels. The accompanying current edition of the Bios utes of Health (NIH) Guide an Society of Tropical Mean to apply to the laborator	afety in M elines for F dicine and	icrobiolog Research Hygiene	ical
1.			check all that apply): NIHBL2 NIHBL3 NIHBL4 NIHBL2N NIHBL3N NIHBL3N NIHBL4N	☐ NIHBL2-LS ☐ NIHBL3-LS ☐ NIHBL4-LS		ACL3 ACL4	
	List the	resources/references ι	used				
2.	BSCs ar years.	nd fume hoods are cer	tified at least annually a	and records kept for at lea	st three	Yes□	No□
3.		present in the laborat res, the hand washing	ory for hand washing. sink is hands-free or au	utomatically operated.		Yes□ Yes□	No□ No□
4.	An eyew	ash station is readily a	available.			Yes□	No□
5.				lected and heat or chemic og a public sewage systen		Yes□	No□
	a. Are	•	om the containment sho	ower areas similarly treate	ed for	Yes□	No□
		rility? the effluent decontami	nation system validated	monthly with a bio-indica	ator?	Yes□	No□
If E	BSL3Ag, BS	SL4 or ABSL4 is sele	cted, proceed to Secti	on 7.			
6.			ough two self-closing do nteroom open inward to			Yes□ Yes□	No□ No□

 $\hfill \square$ An update to an existing registration $\ \square$ A renewal

Entity Name:	Date:
Building/Suite or Room:	

	Section 6B – Room/Suite Physical Information (Continued)		
7.	The ventilation system provides sustained directional airflow by drawing air into the laboratory from "clean" areas toward "potentially contaminated" areas.	Yes□	No□
8.	The laboratory is designed such that under failure conditions the airflow will not be reversed.	Yes□	No□
9.	Laboratory design and operational parameters are re-verified at least annually.	Yes□	No□
10.	A visual monitoring device, which confirms directional airflow, is provided at the laboratory entry.	Yes□	No□
11.	Laboratory exhaust is not re-circulated to other areas of the building.	Yes□	No□
12.	 Exhaust air is HEPA filtered. a. If yes, the HEPA filter housing has decontamination and test ports. i. If this laboratory is a suite, please list rooms with HEPA filtered exhaust: ii. HEPA filters and housings are certified at least annually. b. If no, exhaust air is dispersed away from occupied areas and building air intake locations. 	Yes Yes Yes Yes	No No No
13.	Emergency shower is readily available.	Yes□	No□
14.	Floor drains are present.	Yes□	No□
15.	Sink traps and any floor drains are filled with water and/or appropriate liquid to prevent the migration of vermin and gases.	Yes□	No□
16.	Mechanical cage washer is present. If yes, cage washer has a final rinse temperature of at least 180°F.	Yes□ Yes□	No□ No□
17.	The laboratory has a shower-out capability with a change room.	Yes□	No□

submission i	is: A new registration		An update to an exis	sting registration		☐ A renewal
Name:						Date:
Sec	ction 7A – Principal Inve	stigator (PI) Information a	nd Select Ag	ent and T	oxin Locations
A complete	ete Section 7 must be submitt ed, multiple PI's can be listed	ed for eac in the head	h PI. If separate PI' der.	s would result i	n an identic	al Section 7 being
					DOJ Num	ber:
PI	Last Name:	F	First Name:		Date of Bi	rth:
					Tier 1 Acc	ess
Select Ag	jent/Toxin/Regulated Nucleic Acid		Location	Laboratory o	or Storage or both)	Laboratory Safety Level (Leave blank if storage
		Bldg	Suite/Room	Lab	Storage	only)
Suite Lege (If Applicab	nd: Suite A = Rooms 1, 2, 3	3, 4				
submission i	is: A new registration		An update to an exis	sting registration		☐ A renewal
Name:			_ ·			Date:

PI(s):						
		Section 7B – Strain or Serotype Designation Information				
Select Agent/To:	Select Agent/Toxin/ Regulated Nucleic Acid Strain or Serotype Designations					
Regulated Nucleic	Acid	Strain of Serotype Designations				
Agent						
Toxin						
Regulated Nucleic	Acid					
-						
This submission is:	∏ A ne	ew registration				

Date:

Entity Name:

PI(s):

Section 7C - D	Description	of	Work
----------------	-------------	----	------

1.	containn used. In appropri	nent level(s nclude any late for the	s), includin work invol work desc	k for each select agent and/o ng a description of the method lving animals, arthropods or p cribed. If no work is being per nal sheets as needed.	dologies or laboratory lants. Attachments 1-7	procedures tha 7 must be com	it will be ipleted if
	Agent/Toxi	in BSL	. Objecti	ive of Work			
			-				
2	and conce	entration of	each orga	kimum quantities (e.g., number anism grown at a given time (adicate "no propagation of ager	e.g., 2 - 250 ml flasks	of 10 ⁵ cfu/ml). neets if needed.	If select
			Agent	•	waxiinaiii Quari	inty/Concentra	
3				imum quantity of functional tox ditional sheets if needed.		one time (e.g.,	500 mg,
4	flow cyton exhaust a	neter, cell s	orter, plate IEPA filtra	fectious agent or toxin aerosol e washer) is contained in prima tion or other equivalent techno	ry barrier devices that	Yes□	No□
5	Name(s)	of Individua	l(s) respon	nsible for inventory of select ag	ent(s) and/or toxin(s):		
							1
	Inventory	record is re	conciled:	☐ Annually ☐ Other (specify	frequency)		-
6		d nucleic ac are held in		ned in 7 CFR 331.3, 9 CFR 12 storage.	1.3, 42 CFR 73.3 or 42	Yes□	No□
his su	ubmission is:	☐ A new re	gistration	☐ An update to an exist	ing registration	☐ A renewal	
ntity N	Name:		<u>-</u>	_ ·	- -	Date:	
<u> </u>	PI(s):					- !	
			Sec	ction 7C – Description of Wo	k (Continued)		

7	All cı	ultures, stocks and other regulated wastes are decontaminated prior to disposal.	Yes□	No□
•		s, describe method: Autoclaved Chemical (disinfectant, concentration, and time) Incineration Irradiation Other		
8	toxin	en records that would allow someone the ability to gain access to select agent and/or are controlled by: Lock and key Locked filing cabinet, drawer, cabinet, etc. Card access system Other		
9.	Will	work be performed with:		
	a.	toxins or with agents that will be propagated and produce regulated amounts of toxins? If yes, complete Attachment 1 – Work With Toxins	Yes□	No□
	b.	regulated nucleic acids, genetic modification of select agents or toxins, recombinant/synthetic nucleic acids or recombinant/synthetic organisms? If yes, complete Attachment 2 – Work with Regulated Nucleic Acids, Genetic Modification of Select Agents or Toxins, Recombinant/Synthetic Nucleic Acids or Recombinant/Synthetic Organisms	Yes□	No□
	C.	animals? If yes, complete Attachment 3 – Work with Animals	Yes□	No□
	d.	plants? If yes, complete Attachment 4 – Work with Plants	Yes□	No□
	e.	arthropods? If yes, complete Attachment 5 – Work with Arthropods	Yes□	No□
10.	Will	work be performed in:		
	a.	BSL3Ag laboratory? If yes, complete Attachment 6 – BSL3Ag Laboratories	Yes□	No□
	b.	BSL4/ABSL4 laboratory? If yes, complete Attachment 7 – BSL4/ABSL4 Laboratories	Yes□	No□

This submission is:		☐ A new registration	☐ An update to an existing registration	☐ A renewal	
Entity Na	me:	_		Date:	
Pl	(s):		Laboratory Safety Level:		
			Attachment 1 –Work with Toxins		
			Attachment 1 - Work with Toxins		
1.	A toxin- toxins.	specific Chemical Hygier	ne Plan is available for the laboratory using select	Yes□	No□
2.		oxin manipulation or prod ry forms quid forms entrifugation ressure filtration systems	duction in the facility includes (check all that apply): (e.g., chromatography)		
3.	a. If	s are exposed to select to yes, toxin exposure proc yes, complete relevant q	xins. edure(s) is performed in registered laboratories. uestions in Attachment 3 - Work with Animals .	Yes□ Yes□	No□ No□
4.	If		ntity. cription of the method and an estimate of the maxim d concentration. Add additional sheets as needed.	Yes□ uum quantities	No□ s during
5.	A hazaı	rd sign is posted when se	lect toxins are in use.	Yes□	No□
				_	
6.	regulate	ed wastes are appropriate fyes, describe method:] Autoclaved	materials coming into contact with toxins, and other ely inactivated prior to disposal. nt, concentration, and time)	Yes□	No□
7.	perform	ed. yes, conducted in: Fume hood Biological Safety Ca Outside of a BSC or		Yes□	No□
8.	outside If yes, i □ A			Yes□	No□
9.		oxins are transferred to centity transfer).	ther entities in quantities below the aggregate amoun	it Yes□	No□
This sub	mission is:	☐ A new registration	☐ An update to an existing registration	☐ A Renewal	
Entity Na	me.			Date:	

	PI(s):	Li	aboratory Safety Level:	
		Attachment 1 –Work with Toxins (Continued)	
10	the toxi	toxins are commercially distributed/shipped outside of th n. yes, is there a hazard communication plan?	ne laboratory producing Yes[
11	acids t 73.3 oi l	ork involve possession, use or transfer of recombinant are hat encode for the functional form(s) of any select toxins 42 CFR 73.13? If yes, complete Attachment 2 – Work with Regulated Modification of Select Agents and Toxins, Recombinations or Recombinant/Synthetic Organisms.	s as defined in 42 CFR Nucleic Acids, Genetic	□ No□

This submission is:	☐ A new registration	☐ An update to an existing registration	☐ A renewal
Entity Name:			Date:
PI(s):		Laboratory Safety Level:	

Attachment 2 – Work with Regulated Nucleic Acids, Genetic Modification of Select Agents or Toxins, Recombinant/Synthetic Nucleic Acids, or Recombinant Synthetic Organisms

1.	Will a. b.	work involve possession, use, or transfer of the following? Nucleic acids that can produce infectious forms of select agent viruses. Recombinant and/or synthetic nucleic acids that encode for the functional form(s) of any select toxins if the nucleic acids (i) can be expressed in vivo or in vitro or (ii) are in a vector or recombinant host genome and can be expressed in vivo or in vitro.	Yes□ Yes□	No□ No□
	c.	Select agent viruses, bacteria, fungi or toxins that have been genetically modified.	Yes□	No□
2.	Will a. b. c. d.	work involve the following with select agents and/or toxins: Introduction and/or modification of genetic elements. Recombinant or synthetic nucleic acids. Recombinant or synthetic organisms. Reverse genetics system to produce infectious forms of select agent viruses, or any complete set of reagents that would allow rescue of infectious virus available for use by a PI at the entity.	Yes□ Yes□ Yes□ Yes□	No No No No
3.		a restricted experiment be performed as defined in 42 CFR 73.13, 7 CFR 331.13 or FR 121.13? If yes, please indicate the type of restricted experiment: The introduction of, or selection for, drug resistance trait(s) into select agent org List the agent(s) and the drug resistance trait(s): Select Agent Select Agent Select Agent Drug Resistance Trait Select Agent Drug Resistance Trait Select Agent Drug Resistance Trait Select Agent The deliberate formation of DNA containing genes for the biosynthesis of toxin I vertebrates at an LD ₅₀ < 100 ng/kg body weight. List toxins		No□
	b.	Has this PI received approval from the APHIS Administrator or HHS Secretary for this restricted experiment?	Yes□	No□
4.	Will a.	work involve possession, use or transfer of <u>a product of</u> a restricted experiment? If yes, please indicate the type of restricted experiment product: □ Drug resistance trait(s) in select agent organisms. List the select agent(s) and the drug resistance trait(s) □ DNA containing genes for the biosynthesis of toxin lethal for vertebrates at an LD ₅₀ < 100 ng/kg body weight. List toxin(s)	Yes□ ——	No□
	b.	Has this PI received approval from the APHIS Administrator or HHS Secretary for this product of a restricted experiment?	Yes□	No□
5.	resi	experiments involve the acquisition of increased/restored virulence (e.g., drug stance, increased host range, enhanced transmissibility, infectivity, environmental bility) in select agents or toxins?	Yes□	No□

This sub	mission is:	☐ A new registration	An update to an existing	ng registration	☐ A renewal	
Entity Na	ame:				Date:	
P	l(s):			Laboratory Safety Level:		
At			d Nucleic Acids, Genetic I eic Acids, or Recombinan			
6.	-	question 1-5 above answ itional sheets as needed.	ered "yes", provide a brief d	escription of the work.		
7.	recombir If ye	nant work with select age es, has the IBC approved	tee (IBC) reviews and appronts and toxins at this facility the work described above? anation. Add additional she		Yes □ Yes □	No□ No□

This s	submission	is: A new registration	An update to an existing registration		☐ A renewal	
Entity	Name:				Date:	
	PI(s):		Laboratory	Safety Level:		
			Attachment 3 – Work with Animals			
			Attachment of Work With Attachment			
1.	Provide	the select agent/toxin and	d species of animal to be used:			
	Selec	t Agent / Toxin	Species of Animal	Route(s) of Administr	ation
2.			ents or toxins by the aerosol route? Ire equipment used within a primary conta	inment device	Yes□ e? Yes□	No□ No□
3.	a. Ar	posal by an approved me Autoclaved. Describe v	es, and waste (e.g., sewage, bedding) treatethod? (check all that apply): alidation procedures that account for varias well as temperature and weight of carcaseded.	bles such as t		
	b. Wa	Incineration Tissue Digester Other aste Handling Procedures Waste decontaminated Waste treated in stage how waste is treated be	concentration, and time)s I in animal room (e.g., pass-through autocles and transported from animal room for defere transport out of the animal room and ditional sheets as needed.	contamination		
4.	irradiation biosafety	n) of samples collected f	rmalin fixation, lysis of cells for nucleic aci rom infected animals that will be manipula ation or dosage and contact/exposure time	ted at a lower		
5.	approve If y	protocols prior to work wees, the proposed work w	tional Animal Care and Use Committee (IA ith animals at this entity. ith select agents and toxins in animals has n. Add additional sheets as needed.	•		No□ No□
This s	submission	is: A new registration	☐ An update to an existing registration		☐ A renewal	
Entity	Name:		5 5		Date:	
	DI(e)·		Laboratoria	Safety I evel:		

	Attachment 3 – Work with Animals (Continued)							
	boratory	tory is accredited by the Association for Assessme Animal Care (AAALAC). , give most recent (re)accreditation date		Yes□	No□			
		system in place for recording the number of animal posed of, and the records are reviewed frequently		Yes□	No□			
	If yes	, describe. Add additional sheets as needed.						
8. Ho	Not re Chen Physi							
9. Ho	 □ Daily visual check by animal care/other trained personnel □ Daily weight or other physiological monitoring 							
ani	Describe how animals are housed by species and containment level(s), including type of caging, number of animals per cage, if cage or cage rack is HEPA filtered, if there is active or passive ventilation of the cages. Also include a brief description of how food/water and bedding are handled or changed.							
	Species Animal Housing/Husbandry							
		Species	Animal Housin	ıg/Husbandry				
		Species	Animal Housin	ıg/Husbandry				
11. De	escribe h	Species ow animals will be euthanized. Add additional she		ng/Husbandry				
	II animal		ets as needed.	rg/Husbandry Yes□	No□			
12. Wil	III animal If yes escribe he	ow animals will be euthanized. Add additional she is be necropsied? , describe necropsy procedures. Add additional show animal carcasses are secured prior to decontained freezers, coolers ecured, immediately decontaminated (e.g., autoclasses)	ets as needed. neets as needed. mination.	Yes□	No□			
12. Wil	escribe h	ow animals will be euthanized. Add additional she is be necropsied? , describe necropsy procedures. Add additional show animal carcasses are secured prior to decontained freezers, coolers ecured, immediately decontaminated (e.g., autoclasses)	ets as needed. neets as needed. mination. ave, tissue digester, incinera	Yes□	No□			
12. Wil	escribe h	ow animals will be euthanized. Add additional shes be necropsied? , describe necropsy procedures. Add additional show animal carcasses are secured prior to decontained freezers, coolers ecured, immediately decontaminated (e.g., autoclasses).	ets as needed. neets as needed. mination. ave, tissue digester, incinera	Yes□ ator)	No□			

Attachment 4 – Work with Plants

1. Provide the select agent and species of plant to be used:

Select Agent	Species of Plant	Route(s) of Ino	culation
plants or samples) by an approved met ☐ Autoclaved	on, and time)	-	No□
 3. Are vectors present? a. Vectors are restricted to cages? b. Are adjacent areas monitored to obc. c. Please describe vector species and describe vectors exposed to select agent 		Yes ☐ Yes ☐ Yes ☐ —— Yes ☐	No□ No□ No□
If yes, complete Attachment 5		162	INOL
a. Is the glass house attached to theb. Is the glass house separated fromc. Is pest monitoring conducted within	the laboratory?	Yes Yes	No No No No No No No No
a. Is the greenhouse attached to the Ib. Is the greenhouse separated fromc. Is pest monitoring conducted within	the laboratory?	Yes Yes	No No No No No No No No
This submission is:	☐ An update to an existing registration	☐ A renewal	
Entity Name:	T	Date:	
PI(s):	Laboratory Safety Level	!	
Attachmer	nt 4 – Work with Plants (Continued)		

6.	Wil	I plants exposed to select agents be housed or manipulated in a screenhouse ?	Yes□	No□
	a.	Is the screenhouse attached to the laboratory?	Yes□	No□
	b.	Is the screenhouse separated from the laboratory?	Yes□	No□
	C.	Is pest monitoring conducted within the screenhouse?	Yes□	No□
	d.	Are inoculated plants moved between areas such as screenhouse to laboratory?	Yes□	No□
	e.	If yes, provide a description of the screenhouse materials (including screen mesh		
		size)		
	f.	Structure is reinforced.	Yes□	No□
	g.	Floor is constructed of:		
		□ Concrete		
		☐ Tile or other floor covering		
		☐ Dirt or gravel		
7.	Wil	I plants exposed to select agents be housed or manipulated in a growth chamber ?	Yes□	No□
	a.	Is the growth chamber located in or attached to the laboratory?	Yes□	No□
	b.	Is the growth chamber separated from the laboratory?	Yes□	No□
	C.	Is pest monitoring conducted within the growth chamber?	Yes□	No□
	d.	Are inoculated plants moved between areas such as growth chamber to laboratory?	Yes□	No□
	f.	Structure is reinforced.	Yes□	No□
	g.	Floor is constructed of:		- —
	3	□ Concrete		
		☐ Tile or other floor covering		
		☐ Dirt or gravel		
	h.	Manufacturer name Model number		
	i.	Access to growth chamber is controlled (e.g., lock and key, card access system,	Yes□	No□
		biometrics).		
	j.	Is the growth chamber located at a reasonable distance from other growth chambers	Yes□	No□
		with healthy plants, insectaries and outside doors?		
8.	\ \ /il	I work be performed with regulated nucleic acids, genetic modification of select agents	Yes□	No□
0.		oxins, recombinant/synthetic nucleic acids or recombinant/synthetic organisms?	163	140
	Oi t	If yes, complete Attachment 2 – Work with Regulated Nucleic Acids, Genetic		
		Modification of Select Agents or Toxins, Recombinant/Synthetic Nucleic Acids		
		or Recombinant/Synthetic Organisms.		
		or Necombination Synthetic Organisms.		

This	submission is:	☐ A new registration	An update to an existing registration	A renewal	
Entity	Name:		Da	te:	
	PI(s):		Laboratory Safety Level:		
		Att	tachment 5 – Work with Arthropods		
1.		erformed with field-collec ion of select agents.	cted arthropods in a diagnostic capacity only for	Yes□	No□
2.	select age	•	ly inoculate or infect arthropods (any stages) with 6.	Yes□	No□
3.	Provide th	ne select agent and speci	es of arthropod used:		
		Select Agent	Species of Arthropo	d	
4.	a. Inject	experimental exposure red with select agent. ed with select agent via because, indicate the blood meal Animal species	blood meal.	Yes□ Yes□	No□ No□
		If vertebrate hosts are us this objective of work? If yes, complete Attachr If no, explain. Add addit		Yes□	No□
	If yes	Collected blood (describ ed with select agent via in complete Attachment 4 (Describe)	nsect feeding on select agent infected plants.	Yes□	No□
5.		description of the proced d arthropods. Add additio	lures used for primary containment and any transfer(s) anal sheets as needed.		
6.	number of		rding the number of arthropods infected and the and the records are reviewed frequently. al sheets as needed.	Yes□	No□
7.	implemen Containm	ted in accordance with gu	design and operational procedures are developed and uidance found in the current edition of the Arthropod of the American Committee of Medical Entomology of ledicine and Hygiene.	Yes□	No□

This submission is:	☐ A new registration	☐ An update to an existing registration	☐ A renewal	
Entity Name:			Date:	
PI(s):		Laboratory Safety Level:		
Attachment 5 – Work with Arthropods (Continued)				

	Attachment 5 – Work with Arthropods (Continued)		
8.	An Institutional Biosafety Committee (IBC) reviews and approves arthropod work with select agents at this facility. If yes,	Yes□	No□
	a. has the IBC approved the arthropod containment laboratory design and operational procedures?	Yes□	No□
	b. has the IBC approved the work described in this objective of work? If no, explain. Add additional sheets as necessary.	Yes□	No□
9.	Arthropods are prevented from release into suite/room. If yes, do procedures include protocol for accidental escape?	Yes□ Yes□	No□ No□
10.	Experimentally infected arthropods are housed and manipulated in a suite/room such that accidental contact and release is prevented.	Yes□	No□
11.	Ventilation filters/barriers are installed to prevent arthropod escape.	Yes□	No□
12.	Floor drains are present in the laboratory. If yes, floor drains are modified to prevent accidental release of arthropods and agents.	Yes□ Yes□	No□ No□
13.	Suite/room plumbing is suitable to prevent arthropod escape.	Yes□	No□
14.	All stages of arthropods are killed before disposal.	Yes□	No□
15.	All wastes from the arthropod containment laboratory are treated for disposal using an approved method. If yes, describe method: Autoclaved Chemical (disinfectant, concentration, and time) Incineration Other	Yes□	No□
16.	Animals or plants are permitted in the arthropod containment laboratory. If yes,	Yes□	No□
	a. are animals or plants associated with the work being performed?b. are animals or plants accessible to escaped arthropods?	Yes□ Yes□	No□ No□

This submission is:	☐ A new registration	☐ An update to an existing registration	☐ A renewal
Entity Name:			Date:
PI(s):			

	Attachment 6 – BSL3Ag Laboratories		
1.	Supplies, material and equipment enter and exit BSL3Ag areas only through an airlock, fumigation chamber, or interlocked and double-door autoclave, or shower.	Yes□	No□
	For materials which are temperature sensitive, a gas sterilizer, pass-through liquid dunk tank, or a cold gas decontamination chamber are provided.	Yes□	No□
2.	Is a shower required when leaving the containment boundary	Yes□	No□
3.	Disposable materials are decontaminated by an approved method (check all that apply): Autoclaved Chemical (disinfectant, concentration, and time)	Yes□	No□
	☐ Chemical (disinfectant, concentration, and time)		
	☐ Incineration		
4.	All containment areas are designed, constructed and verified to function as a primary containment barrier. All walls are constructed slab-to-slab and walls, floors, and ceilings are sealed. All penetrations into the laboratory are sealed airtight to prevent escape of agents and to allow fumigation for biological decontamination.	Yes□	No□
5.	Differential pressures/directional airflow are monitored and alarmed (visually and audibly) to indicate system failure.	Yes□	No□
6.	There is HEPA filtration of all supply and exhaust air from the room(s), inner change room(s), and anteroom(s).	Yes□	No□
	If yes, all HEPA filters are certified annually.	Yes□	No□
7.	Laboratory procedure and design features include:		
	Personnel ingress and egress only through a series of rooms which includes a ventilated vestibule.	Yes□	No□
	b. A clean change room outside of the non-containment/containment boundary.	Yes□	No□
	c. Doors that define a containment boundary have compressible or inflatable gaskets.	Yes□	No□
	d. A shower room at the non-containment/containment boundary.	Yes□	No□
	e. A dirty change room within the non-containment/containment boundary.	Yes□	No□
8.	A second shower is required at the facility access control point before donning street clothing.	Yes□	No□

This submission is:		☐ A new registration	☐ An update to an existing registration	☐ A r	enewal	
Entity Name:				Date		
	PI(s):					
		Attachme	ent 6 – BSL3Ag Laboratories (Continued)			
9.		estraining devices are pro cribe. Add additional she	ovided in large animal rooms. ets as needed.		Yes□	No□
10.		rooms are sized and equi cribe. Add additional she	pped to accommodate large animals. ets as needed.		Yes□	No□

This submission is: A new registration An update to an existing registration A renewal				☐ A renewal
ntity Name:				Date:
l	PI(s):			
		0440	sharest 7 DCI MADCI A Laboratoria	
		Atta	chment 7 – BSL4/ABSL4 Laboratories	
	BSL4 LABO	DRATORY		
1.		e performed in a BSL4// complete questions 2 - 8	ABSL4 Cabinet Laboratory? 8	Yes□ No□
2.	Describe th	e type of personal prote	ective equipment that will be used. Add add	ditional sheets as needed.
3.	Describe th as needed.	e decontamination met	hods for materials/equipment in the Class I	II cabinet. Add additional sheets
4.	Describe w as needed.		decontaminated and how they are decontar	minated. Add additional sheets
5.			components of the ventilation system, included to the room ventilation. Add additional s	
6.		t of a ventilation failure, heets as needed.	describe what measures are used to preve	ent reversal of airflow. Add
7.	Describe ho as needed.	ow differential pressures	s and directional airflow are monitored and	analyzed. Add additional sheets
8.	Describe ho	ow containment parame	eters are monitored daily. Add additional sh	neets as needed.
9.		e performed in a BSL4//complete questions 10	ABSL4 Suit Laboratory? - 16	Yes□ No□
10.	Describe th	ne type of personal prot	ective equipment that will be used. Add ad	Iditional sheets as needed.
11.	Describe v		decontaminated and what measures are us	sed to do so. Add additional

submission is:	☐ A new registration	☐ An update to an existing registration	☐ A renewal	
Name:			Date:	
PI(s):				
	Attachmei	nt 7 – BSL4/ABSL4 Laboratories (Continued		
		e, describe what measures are used to prevent	reversal of airflow. Add	
14. Describe how differential pressures and directional airflow are monitored and analyzed. Add additional sheets as needed.				
5. In the event of a breathing air failure, describe what facility redundancies are in place. Add additional sheets as needed.				
Describe h	ow containment param	eters are monitored daily. Add additional shee	ets as needed.	
	Describe the maintained In the even additional services as relationships the sheets as relationships the sheet as relat	Name: PI(s): Attachment Describe the supply and exhaust maintained and HEPA filtration of the supply and exhaust maintained and exhaus	Name: PI(s): Attachment 7 – BSL4/ABSL4 Laboratories (Continued Describe the supply and exhaust components of the ventilation system, including maintained and HEPA filtration of supply and exhaust air. Add additional sheets In the event of a ventilation failure, describe what measures are used to prevent additional sheets as needed. Describe how differential pressures and directional airflow are monitored and an sheets as needed. In the event of a breathing air failure, describe what facility redundancies are in pressures.	