Lab	Principal Investigator	<b>.</b>		
Buildi	ng: Room #	t		
Audito	or: Date	:		
		Satisfactory	Needs Improvement	N/A
Lab S	afety Plan			
1.	Lab Safety Plan available			
2.	Plan reviewed/evaluated annually			
3.	Current Lab Safety Guide available			
4.	Personnel page is up-to-date			
5.	Hazard profile is up-to-date			
6.	Standard Operating Procedures and training are available			
7.	Training provided/documented			
8.	Lab Safety Plan contains BL2 information			
	Specific biotoxin training completed & documented			
	Annual BL2 training completed			
	Current exposure control plan available			
	Biomaterials registered with the IBC			
13.	Signed statements for Hep. B on file			
14.	Safety Data Sheets available			
15.	Lasers registered with DRS			
16.	Lab Safety Plan covers laser operation, alignment, & policies			
17.	Lab Safety Plan covers work with radioactive materials			
18.	Hazard awareness/mitgation procedures in teaching labs			
19.	Lab Safety Plan covers manuals or procedures for x-ray use			
		Satisfactory	Needs	NI/A
Dorco	nal Protective Equipment (PPE)	Satisfactory	Improvement	N/A
	Appropriate gloves available			
	Eye/face protection available			
	Appropriate lab coats available			
	PPE is being utilized appropriately			
	Respirator users fit-tested annually			
	Lab coats are routinely decontaminated			
	Laser eye protection is adequate (wavelength, OD)			
	Laser eye protection is in good condition			
	Laser eye protection is worn inside the Nominal Hazard Zone			
	Semi-annual laser eyewear inspection is documented			
	Adequate PPE is available for class 4 lasers			
11.	Aucquate FFE is available for Class 4 lasers	$\sqcup$		

		Satisfactory	Needs Improvement	N/A
Labor	atory Housekeeping			
1.	No eating, drinking, or applying cosmetics			
2.	No clutter			
3.	No un-cleaned spills or residues			
4.	Aisles and exits 28" wide and unobstructed			
5.	18" clearance around sprinklers			
6.	Soap and paper towels readily available			
7.	Floors and work surfaces can be cleaned & decontaminated			
8.	Work surfaces routinely disinfected			
9.	Biosafety Cabinet is routinely disinfected			
10.	Vacuum traps and overflows have chemical disinfectant			
11.	Effective pest management program			
12.	No animals/plants not associated with work			
		Satisfactory	Needs Improvement	N/A
Electr	rical			
1.	Extension cord use temporary			
2.	Proper grounding is used			
3.	Cord and equipment in good condition			
4.	No outlet overloading or daisy-chaining			
5.	Outlets near water GFCI protected			
6.	Electrical panels accessible			
7.	Shock hazards have proper signage			
		Satisfactory	Needs	N/A
		Jatisiactory	Improvement	IV/A
Engin	eering Controls			
	Chemical fume hood intact & functioning properly			
	Chemical fume hood being used correctly			
	Biosafety cabinet present & in an adequate location			
	Biosafety cabinet certification up-to-date			
	Shut-off valve for gas line external to biosafety cabinet			
	Biosafety cabinet is free of clutter			
	Proper engineering controls/ventilation is utilized			
8.	Mechanical hazards are guarded			

		Satisfactory	Needs	N/A
			Improvement	
	Equipment			
	Chairs easily decontaminated (BL1 & BL2)			
	Vacuum protected with traps			
	Vacuum exhaust vented properly	ᆜ		
	Vacuum glassware coated			
	Tubing in good condition			
	Equipment properly secured			
	No mercury thermometers in ovens		Ш	Ш
8.	Sink for hand-washing present in lab			
		Satisfactory	Needs	N/A
			Improvement	
Work	Practices			
1.	Needles not recapped or tampered with			
2.	Safety cups or o-ringed tubes available & used properly			
3.	Autoclave available			
4.	Controlled access to labs			
	A "Toxins in Use-Authorized Personnel Only" sign is present			
Ů.	7. Toxino in Goo Figurio December Offiny eight to proceed			
		Satisfactory	Noods	N/A
		Satisfactory	Needs Improvement	N/A
Emer	gency Equipment	Satisfactory	Needs Improvement	N/A
	gency Equipment  Fire Extinguishers:	Satisfactory		N/A
	Fire Extinguishers:			N/A
	Fire Extinguishers: a. Correct type present	Satisfactory		N/A
	Fire Extinguishers:  a. Correct type present  b. Readily accessible		Improvement	N/A
	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly			N/A
1.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S		Improvement	N/A
1.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:		Improvement	N/A
1.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed		Improvement	N/A
1.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed  b. Tested annually		Improvement	N/A
1.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed		Improvement	N/A
2.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed  b. Tested annually  c. Functional and installed properly  d. Unaltered		Improvement	N/A
2.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed  b. Tested annually  c. Functional and installed properly  d. Unaltered  Eyewashes:		Improvement	N/A
2.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed  b. Tested annually  c. Functional and installed properly  d. Unaltered  Eyewashes:  a. Unobstructed		Improvement	N/A
2.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed  b. Tested annually  c. Functional and installed properly  d. Unaltered  Eyewashes:  a. Unobstructed  b. Tested weekly		Improvement	N/A
2.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed  b. Tested annually  c. Functional and installed properly  d. Unaltered  Eyewashes:  a. Unobstructed		Improvement	N/A
2.	Fire Extinguishers:  a. Correct type present  b. Readily accessible  c. Checked monthly  d. Tagged within the last year by F&S  Safety Showers:  a. Unobstructed  b. Tested annually  c. Functional and installed properly  d. Unaltered  Eyewashes:  a. Unobstructed  b. Tested weekly		Improvement	N/A

	a. Stocked appropriately			
	b. Readily accessible			
	c. Disinfectant available (Bio)			
	d. Broom, dustpan, forceps available			
	e. Calcium gluconate available for HF			
5.	Emergency equipment present for type of hazardous work			
		Catiofactom	Noodo	NI/A
		Satisfactory	Needs Improvement	N/A
Stora	ge and Transport			
_	Per chemical compatibility			
2.	Upright and safe storage			
	Appropriate containers			
	Containers labeled			
_	Containers closed			
	Secondary containment used where necessary			
	Appliances identified for lab use			
	Condition/quality of chemical is good			
9.	Biohazardous materials stored in secure location			
	Biohazardous materials segregated			
11.	Biohazardous materials labeled and have BH symbol			
12.	Hazardous materials not stored in public spaces			
		Satisfactory	Needs	N/A
Wast		Satisfactory	Needs Improvement	N/A
Waste 1.		Satisfactory	_	N/A
1.	Container condition good Containers labeled	Satisfactory	_	N/A
1. 2.	Container condition good	Satisfactory	_	N/A
1. 2. 3.	Container condition good Containers labeled Containers closed		_	N/A
1. 2. 3. 4.	Container condition good Containers labeled Containers closed Waste streams segregated		_	N/A
1. 2. 3. 4. 5.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used		_	N/A
1. 2. 3. 4. 5.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation		_	N/A
1. 2. 3. 4. 5. 6. 7.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly			N/A
1. 2. 3. 4. 5. 6. 7.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly			N/A
1. 2. 3. 4. 5. 6. 7. 8. 9.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly Sharps disposed of properly			N/A
1. 2. 3. 4. 5. 6. 7. 8. 9.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly Sharps disposal containers are used properly Sharps disposal containers are used properly			N/A
1. 2. 3. 4. 5. 6. 7. 8. 9.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly Sharps disposal containers are used properly Biohazard waste bag & containers labeled with BH symbol			N/A
1. 2. 3. 4. 5. 6. 7. 8. 9.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly Sharps disposal containers are used properly Sharps disposal containers are used properly			N/A
1. 2. 3. 4. 5. 6. 7. 8. 9.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly Sharps disposal containers are used properly Biohazard waste bag & containers labeled with BH symbol			N/A
1. 2. 3. 4. 5. 6. 7. 8. 9.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly Sharps disposal containers are used properly Biohazard waste bag & containers labeled with BH symbol		Improvement	N/A
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Container condition good Containers labeled Containers closed Waste streams segregated Secondary containment used No waste accumulation Glass disposed of properly Glass disposal containers are used properly Sharps disposal containers are used properly Biohazard waste bag & containers labeled with BH symbol		Improvement	

1.	. Cylinders secured						
2.	. Tubing poses no hazard						
	. Away from heat						
	Flammable and Oxidizing	gases separate	ed.				
_	. Total number within limit						
6.	. Toxic Gases in enclosures				Ш	Ш	
7.	. Tubing and regulator compa	atible with gas					
8.	. Cylinders transported prope	erly with valve o	ар				
					Catiofactom	l Nacada l	NI/A
					Satisfactory	Needs Improvement	N/A
Cryo	aens	Present?	Υ	N			
	. Adequate room ventilation						
2.	. Appropriate containers						
					_		_
					Satisfactory	Needs	N/A
Flame	mahla limuida	Present?	Υ	N		Improvement	
	mable Liquids  . Amount within limit	rieseiit!	1	IV			
	. Away from ignition sources						
	. Certified refrigerators used						
	. Bonding & Grounding used	for bulk vessel	s				
•		TOT DUIN TOOSE.				Ш	
					Satisfactory	Needs	N/A
					Jatislactory	Improvement	IV/A
Perox	cide Forming Chemicals	Present?	Υ	N			
	. Peroxide formers dated						
2.	. Tested regularly & docume	nted					
					Satisfactory		N/A
Dyror	phoric Materials	Present?	Υ	N		Improvement	
	. Gas cylinders in enclosure	T TCSCITE:	•	, i	П		
	. Tubing compatible						
	. Sprinkler system present						
	. Flame resistant lab coats a	vailable					
					Satisfactory	Needs	N/A
Fynlo	osive Materials	Present?	Υ	N		Improvement	
	. Material that becomes expl		=				

2.	Proper documentation is provided for handling explosives.			
3.	Materials are stored according to standards.			
		Satisfactory	Needs	N/A
			Improvement	
Laser	s Present? Y N			
1.	Controls to minimize fire potential sufficient for laser use			
2.	Safety interlocks perform as intended for lasers			
3.	Protective housing in place			
4.	Laser mounted on stable platform			
5.	Laser beam not at eye level			
6.	Laser beam control adequate			
7.	Laser warning system available			
8.	Entryway control present			
	Emergency disconnect switch available	Ē		Ħ
	Area properly posted			
	Lasers and barriers are labeled			H
		Satisfactory	Needs	N/A
		•	Improvement	
	pactive Materials Present? Y N			
Radio	pactive Materials Present? Y N			
	Inventory, use, and waste records current and complete			
1.				
1. 2.	Inventory, use, and waste records current and complete			
1. 2. 3.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location			
1. 2. 3. 4.	Inventory, use, and waste records current and complete Materials secured			
1. 2. 3. 4. 5.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled			
1. 2. 3. 4. 5.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly			
1. 2. 3. 4. 5. 6.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used			
1. 2. 3. 4. 5. 6. 7.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly			
1. 2. 3. 4. 5. 6. 7. 8.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed			
1. 2. 3. 4. 5. 6. 7. 8. 9.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique			
1. 2. 3. 4. 5. 6. 7. 8. 9.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed			
1. 2. 3. 4. 5. 6. 7. 8. 9.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed			
1. 2. 3. 4. 5. 6. 7. 8. 9.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed			
1. 2. 3. 4. 5. 6. 7. 8. 9.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed	Satisfactory		
1. 2. 3. 4. 5. 6. 7. 8. 9.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed	Satisfactory	Needs Improvement	
1. 2. 3. 4. 5. 6. 7. 8. 9.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed Decontamination is documented	Satisfactory		
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed Decontamination is documented	Satisfactory		
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed Decontamination is documented	Satisfactory		
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed Decontamination is documented  Units  Present? Y N  All x-ray users are authorized	Satisfactory		
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.  X-ray 1. 2. 3.	Inventory, use, and waste records current and complete Materials secured Materials stored in authorized location Material properly labeled Areas and equipment properly labeled Waste stored, segregated, and labeled properly Proper shielding and handling devices used Absorbent paper is utilized properly Contamination surveys completed Contamination surveys use proper technique Contamination is addressed Decontamination is documented  Units Present? Y N  All x-ray users are authorized Safety devices are present and functioning	Satisfactory		

	Satisfactory	Needs Improvement	N/A
COVID-19 Safety Measures			
COVID-19 safety measures are present			
2. COVID-19 safety measures are written			
3. Training is documented			
4. Working alone policy is established			
<ol><li>Cloth face covering not used instead of lab PPE</li></ol>			
6. Cloth face covering is worn around others			
7. Work surfaces are routinely disinfected			
8. Areas arraged to allow for 6 ft distance between people			
9. Room occupancy managed to allow physical distancing			
10. Hand sanitizer available			