

REA Date Stamp

**APPENDIX 2: BIOSAFETY COMMITTEE INFORMATION**

Principal Investigator: \_\_\_\_\_  
Department: \_\_\_\_\_  
Project Title: \_\_\_\_\_  
Project Number: \_\_\_\_\_

RDNA Protocol Type  NEW  RENEWAL  CONVEYANCE  
RECOMBINANT RNA OR DNA WILL BE USED?  Yes  No

If so:  
List Source(s) \_\_\_\_\_  
Nature of Sequence: \_\_\_\_\_  
Host or Vectors: \_\_\_\_\_

Will Gene Expression be used?  Yes  No Recommended Containment Level: \_\_\_\_\_

For reviewers use: Requires full review? <input type="checkbox"/> Yes <input type="checkbox"/> No Approved by the full committee _____ Date: _____ Requires expedited review <input type="checkbox"/> Yes <input type="checkbox"/> No Approved and referred to the full committee by By _____ Date: _____	Principal Investigator Complete for BCD reviewers: Labs used for research: _____ Date of Last Chemical Inventory _____
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I request use of the biohazard suite.  Yes  No  
I will be using the following organism: \_\_\_\_\_

For Reviewer's use:  
Use of the Biohazard suite is  Approved  Denied  
By \_\_\_\_\_ Date: \_\_\_\_\_

**BIOHAZARDS as regulated by the Center for Disease Control (CDC)**  
Will CDC select agents be used?  Yes  No

CDC Selected VIRUSES	
<input type="checkbox"/> Crimean-Congo Haemorrhagic Fever Virus <input type="checkbox"/> Eastern Equine Encephalitis Virus <input type="checkbox"/> Ebola Viruses <input type="checkbox"/> Equine Morbillivirus <input type="checkbox"/> Lassa Fever Virus <input type="checkbox"/> Marburg Virus <input type="checkbox"/> Rift Valley Fever Virus	<input type="checkbox"/> South American Haemorrhagic Fever Virus <input type="checkbox"/> Tick-Borne Encephalitis <input type="checkbox"/> Variola Major Virus <input type="checkbox"/> Venezuelan Equine Encephalitis <input type="checkbox"/> Viruses causing Hantavirus Pulmonary Syndrome <input type="checkbox"/> Yellow Fever Virus

CDC Selected BACTERIA	
<input type="checkbox"/> Bacillus anthracis <input type="checkbox"/> Brucella abortus <input type="checkbox"/> Burkholderia mallei <input type="checkbox"/> Burkholderia pseudomallei	<input type="checkbox"/> Clostridium botulinum <input type="checkbox"/> Francisella tularensis <input type="checkbox"/> Yersinia pestis

CDC RICKETTSIAE	CDC FUNGI
<input type="checkbox"/> Coxiella burnetii <input type="checkbox"/> Rickettsia prowazekii <input type="checkbox"/> Rickettsia rickettsii	<input type="checkbox"/> Coccidioides immitis

CDC Selected TOXINS	
<input type="checkbox"/> Abrin <input type="checkbox"/> Aflatoxins <input type="checkbox"/> Botulinum toxin <input type="checkbox"/> Clostridium perfringens epsilon <input type="checkbox"/> Conotoxins <input type="checkbox"/> Diacetoxyscirpenol	<input type="checkbox"/> Ricin <input type="checkbox"/> Saxitoxin <input type="checkbox"/> Shigatoxin <input type="checkbox"/> Staphylococcal enterotoxins <input type="checkbox"/> Tetrodotoxin <input type="checkbox"/> T-2 toxin

I am familiar with the requirement for these CDC Select agents to be licensed before research begins and that the license approval takes at least 30 days.

I have submitted the necessary information to EHS in room A 2020

Use of CDC Select agent(s) is <input type="checkbox"/> Approved <input type="checkbox"/> Denied	
By _____	Date: _____
<input type="checkbox"/> A copy of my protocol is attached:	
_____ <b>Principal Investigator (Signature)</b>	_____ <b>Date</b>

**CLASS 4 (EXTREMELY HAZARDOUS) CHEMICALS WILL BE USED?**

YES       NO      If YES please indicate the location.

ROOM	Extremely Haz. Chemical	ROOM	Extremely Haz. Chemical
	1. Acetaldehyde		41. Ethyl Caprylate
	2. Acetyl Peroxide		42. Ethyl Ether
	3. Acetylene		43. Ethyl Mercaptan
	4. Acrolein		44. Ethyl Nitrate
	5. Acrylonitrile		45. Ethylamine
	6. Acrylyl Chloride		46. Ethylene
	7. Allyl Alcohol		47. Ethylene Fluorohydrin
	8. Ammonium Perchlorate		48. Ethylene Oxide
	9. Antimony Pentafluoride		49. Formaldehyde (Gas)
	10. Arsine (Arsenic Hydride)		50. Furan
	11. Bis (Chloromethyl) Ether		51. Hydrocyanic Acid - 96%
	12. Boron Trifluoride		52. Hydrogen Gas
	13. Bromine Trifluoride		53. Hydrogen Selenide
	14. Butane		54. Sulfuric Acid (Hyd. Sulfate)
	15. 1-Butene		55. Iron, Pentacarbonyl
	16. Carbon Monoxide		56. Isobutane
	17. Carbonyl Chloride		57. Isopentane
	18. Chlorine		58. Isoprene
	19. Chlorine Monoxide		59. Isopropyl Chloride
	20. Chloromethyl Methyl Ether		60. Ketene
	21. Chloropicrin		61. Mercury
	22. Crotonaldehyde		62. Methacryloyl Chloride
	23. Cyanogen		63. Methacryloyloxiethyl Isocyanate
	24. Cyanogen Bromide		64. Methane
	25. Cyanogen Chloride		65. Methyl Acrylonitrile
	26. Cyanuric Fluoride		66. Methyl Chloride
	27. Cyclobutane		67. Methyl Choloformate
	28. Cyclopropane		68. Methyl Ether
	29. Deuterium Gas		69. Methyl Ethyl Ether
	30. Diazomethane		70. Methyl Fluoroacetate
	31. Diborane		71. Methyl Fluorosulfate
	32. Dichloro Acetylene		72. Methyl Formate
	33. Dichlorosilane		73. Methyl Isocyanate
	34. Diethylzinc		74. Methyl Mercaptan
	35. Diketene		75. Methyl Vinyl Ketone
	36. Dimethyl Sulfide		76. Methylamine
	37. Dimethylamine		77. Methyltrichlorosilane
	38. Dintrobenzenes		78. Nickel Carbonyl
	39. Divinyl Ether		79. Nicotine
	40. Ethane		80. Nitric Acid
			<b>CONTINUED</b>

ROOM	Extremely Haz. Chemical	ROOM	Extremely Haz. Chemical
	81. Nitrous Oxide		103. Propylene
	82. Nitrogen Oxide		104. Propylene Oxide
	83. Nitrogen Tetroxide		105. Sarin
	84. Nitroglycerine		106. Selenium Hexafluoride
	85. Nitromethane		107. Silane (Silicane, Monosilane)
	86. Osmium Tetroxide		108. Sulfur Pentafluoride
	87. Oxygen Difluoride		109. Sulfur Tetrafluoride
	88. Ozone		110. Tellurium Hexafluoride
	89. Pentaborane		111. Tetrafluoroethylene
	90. Pentane		112. Thionyl Chloride
	91. Pentaphen		113. Trichlorosilane
	92. Perchloromethyl Mercaptan		114. Trimethylamine
	93. Petroleum Ether		115. Vinyl Chloride
	94. Phenol		116. Vinyl Ethyl Ether
	95. Phosgene		117. Vinyl Fluoride
	96. Phosphine		118. Vinyl Methyl Ether
	97. Phosphorus Oxychloride		119. Vinylidene Chloride
	98. Phosphorus Trichloride		120. Vinylidene Fluoride
	99. Phosphorous, White or Yellow		
	100. Picric Acid		
	101. Propane		
	102. Propargyl Bromide		

These chemicals are used as part of published materials and methods.

I have developed a new technique which requires the use of :

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I have considered possible alternatives for the hazardous chemicals indicated above.