

5. Will any of the human cells be purposely infected with human pathogens? If so, please describe precautions that will be taken to minimize risk to the researcher when handling infected human cells.

E.3 IBC Appendix for Select Agent Use: N/A

1. Identify each select agent, source, and biosafety level.

2. List all permit numbers and dates obtained.

3. Storage and Security: *Ervtll' y j gt g'ci gvu'y kndg'hgr v'cpf "eqplto 'ugewt kl'o gciwt giO*

4. Plans for notification in case of accidental exposure.

E.4 IBC Appendix for Select Agent Use: N/A

1. Identify each toxin, source, and biosafety level.

2. Identify LD50 for the toxin(s).

3. Identify symptoms associated with exposure to toxins and clarify how personnel will be monitored post handling

4. Describe toxin inactivation procedures, clarify how inactivation efficacy will be verified.

H'6'Rgt uqppgn Please include all personnel to be involved in the research.

P co g'qih'ij g'Rgt uqppgn	T qng'lp'ij g'Rt qlgev" *Title and job on project+"	Gzr gt lgpeg'cpf "" T gngxcpvF gvclni'	Vt clpki <*Provide certificates)
			<input type="checkbox"/> "Dkquchgv 'Eqo r ngv"Vtclpki "Ugtlgu" <input type="checkbox"/> "Ncd'Ej go lecnUchgv" <input type="checkbox"/> "Nlhg'Uelgpegu" TET" <input type="checkbox"/> "Rj { ulecn'Uelgpeg" TET" <input type="checkbox"/> "Ugrgev'Ci gpw.'Dkqgewtkf 'cpf 'Dkqgttqtkuo " <input type="checkbox"/> "QU C'Dnqf dqtpg'Rcyj qi gpu" <input type="checkbox"/> "P kl 'Tgeqo dlpcpvFPC" h'FPC+I wlf grkpgu" <input type="checkbox"/> "Ncd'Uchgv' Vtclpki 'y kj 'GJ Uqprkpg"
			<input type="checkbox"/> "Dkquchgv 'Eqo r ngv"Vtclpki "Ugtlgu" <input type="checkbox"/> "Ncd'Ej go lecnUchgv" <input type="checkbox"/> "Nlhg'Uelgpegu" TET" <input type="checkbox"/> "Rj { ulecn'Uelgpeg" TET" <input type="checkbox"/> "Ugrgev'Ci gpw.'Dkqgewtkf 'cpf 'Dkqgttqtkuo " <input type="checkbox"/> "QU C'Dnqf dqtpg'Rcyj qi gpu" <input type="checkbox"/> "P kl 'Tgeqo dlpcpvFPC" h'FPC+I wlf grkpgu" <input type="checkbox"/> "Ncd'Uchgv' Vtclpki 'y kj 'GJ Uqprkpg"
			<input type="checkbox"/> "Dkquchgv 'Eqo r ngv"Vtclpki "Ugtlgu" <input type="checkbox"/> "Ncd'Ej go lecnUchgv" <input type="checkbox"/> "Nlhg'Uelgpegu" TET" <input type="checkbox"/> "Rj { ulecn'Uelgpeg" TET" <input type="checkbox"/> "Ugrgev'Ci gpw.'Dkqgewtkf 'cpf 'Dkqgttqtkuo " <input type="checkbox"/> "QU C'Dnqf dqtpg'Rcyj qi gpu" <input type="checkbox"/> "P kl 'Tgeqo dlpcpvFPC" h'FPC+I wlf grkpgu" <input type="checkbox"/> "Ncd'Uchgv' Vtclpki 'y kj 'GJ Uqprkpg"
			<input type="checkbox"/> "Dkquchgv 'Eqo r ngv"Vtclpki "Ugtlgu" <input type="checkbox"/> "Ncd'Ej go lecnUchgv" <input type="checkbox"/> "Nlhg'Uelgpegu" TET" <input type="checkbox"/> "Rj { ulecn'Uelgpeg" TET" <input type="checkbox"/> "Ugrgev'Ci gpw.'Dkqgewtkf 'cpf 'Dkqgttqtkuo " <input type="checkbox"/> "QU C'Dnqf dqtpg'Rcyj qi gpu" <input type="checkbox"/> "P kl 'Tgeqo dlpcpvFPC" h'FPC+I wlf grkpgu" <input type="checkbox"/> "Ncd'Uchgv' Vtclpki 'y kj 'GJ Uqprkpg"
			<input type="checkbox"/> "Dkquchgv 'Eqo r ngv"Vtclpki "Ugtlgu" <input type="checkbox"/> "Ncd'Ej go lecnUchgv" <input type="checkbox"/> "Nlhg'Uelgpegu" TET" <input type="checkbox"/> "Rj { ulecn'Uelgpeg" TET" <input type="checkbox"/> "Ugrgev'Ci gpw.'Dkqgewtkf 'cpf 'Dkqgttqtkuo " <input type="checkbox"/> "QU C'Dnqf dqtpg'Rcyj qi gpu" <input type="checkbox"/> "P kl 'Tgeqo dlpcpvFPC" h'FPC+I wlf grkpgu" <input type="checkbox"/> "Ncd'Uchgv' Vtclpki 'y kj 'GJ Uqprkpg"

There are no BSL-3 nor BSL-4 facilities at U Mass Dartmouth.

Biosafety Level 3: BSL-3 is applicable to clinical, diagnostic, teaching, research, or production facilities in which work is done with indigenous or exotic agents which may cause serious or potentially lethal disease as a result of exposure by inhalation. BSL-3 requires BSL-2 containment practices plus:

1. Laboratory personnel have specific training in handling pathogenic and potentially lethal agents and are supervised by competent scientists who are experienced in working with these agents.
2. All procedures are conducted within biological safety cabinets or other physical containment devices, or by personnel wearing appropriate personal protective clothing and equipment.
3. The laboratory has special engineering and design features.

Biosafety Level 4: BSL-4 is required for work with dangerous and exotic agents which pose a high individual risk of aerosol-transmitted laboratory infections and life-threatening disease. Restrictions apply to personnel training, lab accessibility and construction, and the use of protective equipment and clothing.

Appendix D: Risk Group Assessment

Hqt 'c 'hwnlkw'qh'TkmiCi gpmu. 'r'rgcug'ugg'vj g'PK 'I wlf g'kp'gu' **Appendix B - Table 1.**

Basis for the Classification of Biohazardous Agents by Risk Group (RG)

Risk Group 1 (RG1) Agents that are not associated with disease in healthy adult humans.

Risk Group 2 (RG2) Agents that are associated with human disease which is rarely serious and for which pre-ventive or therapeutic interventions are *qhgp*'available.

Risk Group 3 (RG3) Agents that are associated with serious or lethal human disease for which preventive or therapeutic interventions *o c' dg*'available (high individual risk but low community risk).

Risk Group 4 (RG4) Agents that are likely to cause serious or lethal human disease for which preventive or therapeutic interventions are *pqv'umcmf*'available (high individual risk and high community risk).