IBC - IBC Research Application **Protocol ID:** IBC-2021-01290 (Johnson, Christina)
Protocol Title: Sample protocol on how to enter administration of gene modified cells into animals

Amendment
Personnel Information
Storage
Locations
Protocol Information
Sec.1 - Summary
Sec.2 - Research Act...
Sec.3 - Recombinant ...
Sec.4 - Viral Vectors
Sec.5 - Microorganisms
Sec.6 - Biological T...
Sec.7 - Human Subjects
Sec.8 - Animal Research
Sec.9 - Community
Sec.10 - Dual use
Sec.11 - SOPs
Funding
Attachments
Attestation
Return Notes
Manager Notes
Print View
Event History

This section is only for the following viral vectors: AAV, adenovirus (incl. CAV), baculovirus, lentivirus, or retrovirus. For work with any other type of viral vector (e.g. rabies, HSV), select Activity type "Microorganism" to enter information in Section 5.

NOTE: Don't forget to fill out Questions 2 through 5, located below the matrix in Question 1! These apply to the collective entries in Question 1.

For guidance on how to fill out the pop-up questions and the common Questions 2 through 5, see **Help** in top right corner of this window.

Viral Vectors

1. List viral vectors used

Viral Vectors

	Viral vector name	Common route(s) of transmission	Replication competent?	Packaging Cell line	Host Range	Envelope Protein	Recipient
☐	Lentiviral vector	Autoinoculation, Direct contact with skin, Mucosal Membranes	N	HEK293	Pantropic (all animals, including humans)	VSV-G	Tissue culture
☐	Lentiviral vector	Autoinoculation, Direct contact with skin, Injection, Mucosal Membranes	N	HEK293	Pantropic (all animals, including humans)	VSV-G	Directly into OTHER species, or indirectly into ANY species

2. Describe procedures involving use of viral vectors

a. Transport: Describe how virus will be transported to lab or between locations of use, propagation and storage

Viral particles will not be transported out of the laboratory

b. Storage: Describe how the viral vectors will be stored and indicate the maximum concentration and volume. If this information is different among viral vectors or types of viral vectors please provide information for each.

HEK293 supernatant containing viral particles will be frozen in 1ml aliquots.

HEK 293 supernatant containing viral particles (e.g. 1x10^9 GC/ml) will be stored in frozen 1 ml aliquots.

c. Will this project involve procedures that may lead to an increased risk of exposure to personnel such as the use of sharps or procedures that create a spray, splatter or aerosol risk? **Yes** **No**
If YES, please describe procedures and methods for mitigation of risk

3. **Decontamination procedures for all viral vectors will only involve:**
   a. **Liquid waste: Will be treated with bleach to a final concentration of 10% bleach (made fresh weekly) for 30 minutes prior to disposal** **Yes** **No**
   If No, clarify

   b. **Solid waste: Pipettes, containers, etc. will be disinfected with 10% bleach(made fresh weekly) for 30 minutes prior to disposal in biohazard waste container. Sharps will be disposed in sharps boxes immediately after use without recapping. Disposable PPE will be placed in biohazard bags. All will be autoclaved subsequently.** **Yes** **No**
   If No, clarify

   c. **Glassware: Following disposal of the liquid waste, glassware will be rinsed with 10% bleach(made fresh weekly) for 30 minutes ,followed by washing and autoclaving.** **Yes** **No**
   If No, clarify
   plasticware is substituted for glass

   d. **Surfaces: will be disinfected with 10% bleach (made fresh weekly) with a 30 minutes contact time after a spill or when work is completed for the day** **Yes** **No**
   If No, clarify

4. **What protective gear will a person working with the(se) viral vector(s) have to wear? Check all that apply:**
   - [x] **gloves**
   - [x] **disposable lab coat**
   - [ ] **cloth lab coat**
   - [ ] **eye protection (incl. goggles, faceshield, etc.)**
   - [ ] **surgical mask**
   - [ ] **N95 respirator (must be medically cleared and fit-tested for this application)**
   - [x] **other** BSC for face protection

5. **What will be used for hand washing?**
   - [x] **soap**
   - [ ] **alcohol gel**
   - [ ] **other**

NOTE: When answering these questions, please ensure the answers are congruent with the information provided in the safety protocol.

Sec.1 ... Sec.2 ... Sec.3 ... Sec.4 ... Sec.5 ... Sec.6 ... Sec.7 ... Sec.8 ... Sec.9 ... Sec.10... Sec.11...

Previous Next

Help | Close