Attachment to Flow Cytometry Core Facility User Info Request

Submission required **only** for samples containing biohazards.

This form only needs to be filled out once during the Institutional Biosafety Committee (IBC) protocol approval period (5 years) if the material described here will be submitted for analysis multiple times.

Please fill out **ALL** sections – if the answer is NA (not applicable) or No, type "NA" or "none" in the highlighted area

1. Institutional Biosafety Committee protocol number: _____
2. Tissues, cells, fluids or cell lines: list type of tissue or fluid, or name of cell line:

   _____

   a. Is the cell line oncogenic (cell lines capable of causing tumors in mice are considered potentially oncogenic if introduced into human tissue)? ◯NA ◯No ◯Yes
   b. Viral vector introduced into cell line? ◯NA ◯No ◯Yes, provide name of viral vector: _____
3. Is the sample genetically modified?◯ NA◯ No◯ Yes, modification: _____
4. List hazardous chemicals that have been added to the sample (i.e. stains, fixatives, intercalators, carcinogens, toxins, reproductive toxins, reactives, flammables, corrosives):

   _____

Part 2 of the Laboratory Specific Biosafety Manual may be included in place of questions 5-10.

5. Does sample contain a viable disease-causing organism, or is it suspected to contain a disease-causing organism?

   ◯NA ◯No ◯Yes, list disease-causing organism, name of disease, and Risk Group: _____
6. Potential routes of infection: ☐aerosol, ☐spill or splash, ☐cut, scratch, inoculation, ☐ingestion, ☐none
7. Incubation period and symptoms of exposure: _____
8. Resistant to antibiotic(s)? ◯NA ◯No ◯Yes, list antibiotics: _____
9. Name of vaccine, if one is available: _____
10. List toxins that have been added to the sample: _____
11. Special instructions in the event of an injury, exposure, or active symptoms of disease:

    _____

    _____

    _____

    _____

    _____

Biosafety Resources for the Flow Cytometry Core Facility

Definition of Biohazards: Infectious agents or hazardous biological materials that present a risk or potential risk to the health of humans, animals or the environment. Includes:

- Bacteria, viruses, parasites, fungi, prions, etc
- Human fluids, tissues, or cell lines, oncogenic cell lines
- Animal tissues suspected to be infected with animal pathogens or zoonotic infectious agents
- Toxins, either cloned or in the purified state. Venom, or work with insects or animals that produce toxins or venom. (go to Form IIA)

Definition of biosafety containment levels

- Biosafety Level 1 / Animal Biosafety Level 1:
  - Risk Group 1, agents not associated with disease in healthy adults or animals.
  - Work on open benchtop.

- Biosafety Level 2 / Animal Biosafety Level 2:
  - Risk Group 2, agents associated with disease in healthy adults or animals. (bacteria, viruses, fungi, parasites, prions). Disease is rarely serious.
    - Vaccine and/or antibiotics usually available.
  - Animal tissues known or suspected to be contaminated with zoonotic disease-causing agents
    - Human tissues fluids, and cell lines. Special concern with oncogenic cell lines
  - Toxins, venoms

- Biosafety Level 3 / Animal Biosafety Level 3 (contact the Biosafety Office):
  - Risk Group 3, agents associated with serious or lethal disease.
    - Often, agents are transmitted by the inhalation route
    - Not all Risk Group 3 organisms require BSL-3 containment
  - Vaccine and/or antibiotics usually available.

Biosafety resources:

- NIH Guidelines for Research Involving Recombinant DNA Molecules
  http://oba.od.nih.gov/oba/rac/guidelines_02/NIH_Gdlnes_Ink_2002z.pdf
- Biosafety in Microbiological and Biomedical Laboratories –the "BMBL", 5th ed
  http://www.cdc.gov/biosafety/publications/bmbl5/
- List of bacteria and their Risk Groups
  http://www.absa.org/riskgroups/Bacteria.html
- Searchable database of microorganisms and their Risk Groups
  http://www.absa.org/riskgroups/index.html