STANDARD OPERATING PROCEDURES

DIVISION OF COMPARATIVE MEDICINE
UNIVERSITY OF SOUTH FLORIDA

TITLE: **Characterization of Biologics for Use in Rodents**
SCOPE: All Program Personnel

IV. PROCEDURES

1. Biologicals intended to be used in rodents should be submitted for evaluation and listed on an approved IACUC protocol, with results of testing for excluded infectious agents attached in section 15.

2. Cells, cell cultures, or liquid biologic samples planned for research use in mice should be collected aseptically to prevent contamination and submitted frozen to the animal facility manager for characterization.

3. One cryovial containing a minimum of $1x10^6$ cells/vial of each cellular sample, currently in, or planned for active research use involving mice should be tested. Cells may be in the form of a pellet, or in growth media, freeze media, or phosphate buffered saline. For liquid samples, one cryovial with 0.5 mL of liquid sample/vial should be tested. For murine fecal samples, a minimum of 2 and maximum of 10 fecal pellets per vial should be tested.

4. Frozen samples are submitted to the Facility Manager, along with a paper copy of an electronically completed **CMDC #241** entitled ***Cells, Cell Lines, & Biologics Characterization Submission form***. This form is also submitted in its original Excel format to compmed@usf.edu for uploading to IDEXX Bioresearch and is viewable at https://www.usf.edu/research-innovation/research-support/comparative-medicine/documents/cmdc/c241-cell-line-characterization-submission.xlsx

5. Upon receipt of the biological samples and completed form CMDC 241 from the Facility Manager, the Assistant Director will choose the appropriate test panel.
    a. All biological samples that are checked “murine derived, human derived, other, propagated in vitro, propagated in vivo” will be sent to IDEXX for testing of 8 agents; labelled **USF Mouse IMPACT Panel A**.
    b. The murine agents tested for are Mycoplasma spp.,6 (l)2.707 0 (ouse)]T (m)4.9 (dc)-2 (10.5 (er)-5.9 (i

9. Once a biologic from a specific source has been tested and approved, the product will not require retesting **for 6 years.**

Approved: **Date:**