## Animal Standard Operating Procedure

### Streptozotocin (STZ)

#### Animal Safety Protocol designation
- Agent may be excreted by the animals within the first 24 hours post injection therefore the lab must change the bedding 24 hours after administration
- See investigator and DAR responsibilities below

#### Principal Investigator (PI)
- Research staff must inform Animal Facility Supervisor at least 3 business days ahead of time of agent that will be used
- Any leftover/unused STZ and empty containers that held STZ should be disposed of in the biohazard sharps container.
- Cages will be labeled with a yellow “Chemical Hazard” wash-off label with the following information:
  - Name of agent delivered to animal
    - “Agent: ____________”
  - Date and time of administration
    - “Clean After: __________ +24 hrs”
- Cages are only to be opened under a Biological Safety Cabinet (BSC) or Animal Change Hood (ACH).

#### DAR Responsibilities
- Will change cages 24 hours after administration and remove soiled cages to Dirty Cage Wash.

#### Cage Change
- Animal waste and contaminated bedding shall be handled to minimize generation of dust and aerosols.
- Contaminated bedding must be emptied from cages using a dump station.

#### Decontamination and Spill Procedure
- If a spill occurs, all traffic to the area will be immediately restricted and appropriate disinfectant will be used for clean up. Care will be taken to minimize aerosols during the clean-up process.
- Equipment and work surfaces must be routinely cleaned with appropriate disinfectant.

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