

**READ AND REVIEW ANY APPLICABLE MANUFACTURER/VENDOR SAFETY INFORMATION BEFORE DEVELOPING STANDARD OPERATING PROCEDURE AND PERFORMING WORK.**

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**Name of Work Unit:** McClelland lab

**Animal Research  
Standard Operating Procedures**

NOTE: Before working with animal tissue you must take online courses and read and sign this document along with your supervisor!!

#1	<u>Scope of Work/Activity:</u> State the process/operation/equipment that the SOP concerns. Handling mouse tissues or other animal tissues.
#2	<u>Specific Safety and Environmental Hazards:</u> State the specific hazard and consequences if procedure not followed to person, environment, or property. Animals might contain other organisms that could infect humans or other animals. Although all reasonable precautions are generally taken to ensure that materials are not infected with other organisms, this cannot be excluded.
#3	<u>Engineering Controls:</u> Describe any specific engineering controls which are required to prevent employee injury to hazards such engineered sharps, use of scavenger units for anesthetic gas waste. Animal tissues will be handled in a hood. No sharps will be used. All materials will be disposed in biological waste.
#4	<u>Designated Area:</u> Indicate the designated area for performing this process in the laboratory. Conduct all work in Room ____ A hood designated for the purpose by your supervisor.
#5	<u>Personal Protective Equipment (PPE):</u> State the personal protective equipment selected and required. Personnel will wear a lab coat, goggles, disposable gloves, full length clothing and closed shoes.
#6	<u>Important Steps to Follow:</u> List the specific sequence staff should follow to avoid hazard. Do not open containers except in the hood. Seal containers before they exit the hood.
#7	<u>Emergency Procedures:</u> a. Describe immediate medical treatment required in case of personnel exposure. -Complete online incident report form at <a href="http://www.ehs.uci.edu">www.ehs.uci.edu</a>  Remove contaminated clothing and shoes and wash eyes and skin with water for 15 min. with water. Remove victim to fresh air and obtain medical attention.

#8	<p><u>Control Procedures for animal care and housing requirements:</u></p> <p>a. Will animals excrete toxic levels of chemicals? - If so, identify waste streams under Section 9.</p> <p>No.</p> <p>If ULAR staff will be handling animal care, explain any special handling procedures that may be required for bedding and cage handling, e.g., dust respirators, lab coats, etc.</p>
#9	<p><u>Identify waste stream and disposition of animal carcass, waste, and unused stock of chemicals</u> (Identify if waste is biohazardous, pathological waste, or hazardous waste, etc.) Please note that any drugs identified as a human carcinogen or poses a hazard to human health or environment because of its <b>carcinogenicity</b> must be managed as a hazardous waste. Additional guidelines regarding hazardous waste and pathological waste can be found at : <a href="http://www.ehs.uci.edu/programs/enviro/">http://www.ehs.uci.edu/programs/enviro/</a></p> <ul style="list-style-type: none"> <li>• Surplus chemicals will be disposed of as hazardous chemical waste.</li> <li>• Disposable lab ware, bench paper, personal protective equipment, carcasses and cage bedding contaminated with chemicals are to be disposed of as "pathology waste" for incineration. Obtain waste containers from EH&amp;S.</li> <li>• Sharps will be disposed of in "Sharps" container.</li> <li>• At Irvine locations, utilize the on-line system for requests by requesting a "Chemical Waste" Pickup via the Internet: a. Visit <a href="http://www.ehs.uci.edu/programs/enviro/">www.ehs.uci.edu/programs/enviro/</a></li> <li>• At UCIMC locations, contact Mealii Seanoa at <a href="mailto:kseanoa@uci.edu">kseanoa@uci.edu</a> for pathology waste incineration barrels</li> </ul>
#10	<p>Decontamination and spill clean-up procedures</p> <p>Use 10% bleach and then 90% ethanol to clean up spills of animal materials.</p>

As the Principal Investigator, it is your responsibility to ensure that all individuals listed in this protocol is taught correct procedures for the safe handling of hazardous materials involved in this study. It is also your responsibility to assure that your personnel attend Lab Core Safety Training and other applicable safety training courses.

Both PI and all persons associated with the protocol must sign the following acknowledgement:

***I have read, asked questions, and understand the hazards of and safe working procedures for the activity/materials described herein.***

*MMcClelland*

PI Signature:

DATE

Other Personnel:

Name/ Signature

DATE

Name/Signature

DATE

Name/Signature

DATE

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Name/Signature

DATE

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