

**Adoptive Lymphocyte Transfer in Mice**  
**IACUC Standard Procedure**  
**Effective Date: August 2022**

**Description of procedure:**

Adoptive Transfer Protocol: A donor mouse is euthanized by [UCSF Euthanasia Policy](#), and lymphoid cells from donor mice are prepared as a single cell suspension and adjusted to an appropriate final volume with sterile saline. Recipient mice are injected via IV tail or retro-orbital vein within the maximum volume referenced in the standard procedure, [UCSF Tail Vein Injection](#), [UCSF Retro-Orbital Injection](#). If anesthetized, mice will be monitored continuously until ambulatory.

Mice will be evaluated for general appearance, ability to move normally around cage and reach food and water, ability to eat and drink, grooming habits, skin color, lethargy, aggression (animals will be housed individually if aggressive behavior is shown).

**Agents:** This procedure requires anesthetics for retro-orbital injection. All agents administered to animals should be listed in the “Agents” section of the RIO IACUC protocol.

**Adverse Effects:**

Adverse effects should be listed in the “Adverse Effects” section of the RIO IACUC protocol. Examples of potential adverse effects include: trauma to the eye; graft vs. host disease.