1. Enter the facility using the main Smilow entrance and don all appropriate PPE.

2. Perform all barrier room procedures prior to working with the IVIS Lumina XR equipment. **The imaging of animals must be performed after all barrier work is completed.**

3. Collect the animals required for imaging from the biohazard holding area into ventilated cages. **Note:** Bring only the animals needed for direct imaging.

4. Image all of your animals in accordance with the Lumina XR SOP.

5. Upon completion of the imaging return the mice into the microisolator cages used in the BSL-2 area.

6. Place the cages into the proper cubicle rack located in the BSL-2 holding area. (All investigator cages are and will be grouped together.)

7. Leave all ventilated cages on the floor inside BSL-2 room C.

8. Clean the IVIS in accordance with the proper SOP.