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🌐 URMC TriState SenNet TMC Mouse Donor Selection Criteria

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The authors have no conflict of interest to declare.

Abstract

This document outlines the required criteria for donor inclusion of mouse lung specimens in the TriState SenNet TMC Biospecimen Core at the University of Rochester, as part of the Cellular Senescence Network Program (SenNet).
The study intends to outline the effect of age on the cellular senescence in mice and intends to describe the translatability of obtained results.

Troubleshooting

Inclusion Criteria

1   Age: Adult mice. Two age ranges:

Young Adults : 2-6 months

Old adults (geriatric) : 18-24 months

2   Sex: Both sexes were included.

3   Strain: C57Bl/6J mice were procured from Jackson Laboratory. Mice were housed for 1 week at the University of Rochester Vivarium with a 12-hour light/12-hour dark cycle.

4   Health Status: No known health issues or abnormalities approved by the Veterinary staff at the University of Rochester Vivarium facilities.

Exclusion Criteria

5   Infection/Disease: The animals were housed in a Helicobacter- and pathogen-free facility. Necessary precautions (use of microisolator technique, one-way MIT rooms) were taken to ensure that the study animals did not have any infection or disease state prior to conducting of experiments.