

## Core B

Plan for fair and equitable allocation of mouse strains and support to all projects.

Upon notification of a review score for this PPG application within funding range Core B will convene a meeting with all project leaders to determine the anticipated need for mice in each project within the first 6 months of funding. The specific experimental plan for each strain under each project will be discussed in terms of immediate needs and long-term needs. Herein, breeder cages will be expanded or contracted according to forecasted needs. Once fully established, Core B will send updated census notifications to all leaders at weekly intervals. Each project leader can claim specific numbers of available mice for their experiments by emailing or calling the Core B leader, Dr. Amariliz Rivera. If claimed mice are not utilized in experiments within the agreed upon time frame by all investigators the mice will be released to general census so that the other projects can have access to the mice. Core B will host monthly meetings to overview mouse needs and address any concerns. These meetings are not expected to be an overburden to investigators, they will be kept short to give everyone a chance to share openly their needs and any issues with mouse colony maintenance. We will request a more detailed forecast of animal needs per project at 3 month intervals. Accordingly, specific breeding strategies and numbers of each breeder will be adjusted in response to expected needs. We anticipate that the need of each project will vary as experiments are performed and data is acquired. We aim to keep a real-time adjustment for mice as tightly regulated as possible to minimize over expansion of certain strains or under-availability of others. Although generation of mice cannot be fully predicted in terms of litter sizes or health issues that may arise, we anticipate that close communication and careful planning will help ensure the timely availability of sufficient mice for all projects. If conflicts were to arise between project leaders regarding mouse strain allocation per project we will reach out to the administrative core for support on conflict resolution. Altogether, the Core B leader and staff will work closely with the project leaders to maintain open and frequent communication to facilitate the efficient allocation of mice and to advance all of the experimental goals of this program project grant.