Cornell University
College of Veterinary Medicine

Christian Abratte,
Cornell University
Biomedical Sciences
Stem Cell and Transgenics Core
Vet Tower T9-010
Ithaca, NY 14853
607-253-4189
Ca258@cornell.

Recovery of Frozen Mouse Embryos

Description: The Core will recover a single mouse strain from frozen embryos provided by the user. Users should coordinate with the core so that recipient females can be mated to sterile stud males the day before the embryos are scheduled to arrive. Once received, the embryos will be thawed quickly and recovered into a plate with M2 media. After a single wash step through M2 media, they are ready for transfer to the oviduct of the psuedopregnant recipient females. About 20 embryos will be transferred per female, 10 to each side. Generally, if half of the embryos transferred are born alive, then the recovery should be successful. All psuedopregnant recipient females will be provided by the core, and are maintained in the core's clean room, so once pups are born they can be transferred to any room/facility on campus. Please contact the core to schedule this service in advance of when you expect to receive the embryos so that we can answer any questions and ensure that we have a stock of recipient females ready for your project.

Price: $400