



Dartmouth College

## Animal Care and Use Program

### Institutional Animal Care and Use Committee

#### IACUC Policies and Procedures

**Title:** Use of Animals in Courses

**Definition:** A training course utilizing animals is any course designed to teach students, technicians, emergency medical personnel, nurses, residents, practicing physicians, or any other appropriate individuals medical, experimental, or biological techniques or procedures using live animal models.

**Position Statement:** In keeping with the educational, research, and service goals of Dartmouth College and Dartmouth Medical School, the Institutional Animal Care and Use Committee (IACUC) supports the concept that some procedures are best taught using live whole animal models. The IACUC further recognizes that such training courses may be sponsored internally by the College or through external corporate or vendor support. In all cases, it is the responsibility of the Dartmouth College Principal Investigator to assure that no suitable non-animal models are available to provide the necessary training and that all participants involved in the training exercise adhere to the following guidelines.

#### Protocol Guidelines

1. All procedures involving animals must be described on the current version of the Dartmouth College Animals Subjects Review Form (ASRF). Whether internally or externally supported, the protocol must be submitted by a Dartmouth College faculty member, or other appropriate Dartmouth College representative, who is identified as the Principal Investigator. In cases where corporate or other vendor support is provided, it must be stated on the protocol. Review, approval, and activation of the protocol will follow the standard IACUC procedures.
2. All personnel, including those from organizations outside the College who will provide instruction or training on any animal model and those who will provide animal use support services (e.g., administer or monitor anesthesia), must be identified on the protocol and must have their experience relative to the proposed procedures noted. In cases where previously unidentified personnel are to provide instruction or animal use support services, they must be added to the protocol on the Personnel Appendix (available on the web).

#### Course Guidelines

1. Courses should be conducted during regular business hours (8:00am - 5:00pm) Monday through Friday. Exceptions must be stated on the animal use protocol.
2. The principal investigator, or his/her appropriately qualified Dartmouth College affiliated designee, must be present during the entire animal use portion of the training course. Note that this designee must be identified in the animal use protocol. There must be at least one instructor per room where animal are used.
3. The protocol must specify the number of students per instructor and per animal. The IACUC strongly recommends at least one instructor per three to five students. In most cases, no more than five students should be assigned to one animal. Fewer than five students may be more suitable for small animal species.
4. All participants in the course must conduct themselves in a professional manner and adhere to the procedures described in the protocol. Any deviations from the procedures described in the protocol must be submitted to the IACUC and approved before they are undertaken.

5. Principal investigators are reminded that animals must be maintained under complete surgical anesthesia for any procedures producing more than momentary pain or distress. Appropriately qualified individuals must monitor the anesthesia of the animals to ensure that the animals remain under anesthesia at all times. In some cases, this may require the services of the ARC veterinary technical staff.
6. Other investigators desiring tissues from animals used in training courses may obtain them after the animals have been humanely euthanized according to the animal use protocol. Such tissue transfers must be described in the protocol and approved by the IACUC. The investigator receiving the tissue must have an approved, scientifically reviewed protocol describing the tissue use. In cases where tissue transfers are described by an addendum to an existing protocol, the addendum must be signed by both principal investigators involved.