

Information for Completing Grant Applications

OLAW Assurance Number: D16-00010 (A3023-01)

USDA Registration Number: 14-R-0003

- Verification that DFCI follows all applicable regulations relating to animal research: (See Compliance Letter PDF on Guides Page).
- Links to AAALAC accreditation letters, USDA inspection reports and OLAW assurance approvals are found on the [ARF website](#) under "Regulatory Agencies" in the navigation drop-down menu.
- Description of Veterinary Care Plan (last update - 4.19.17):

A description of DFCI's veterinary care plan follows. Please update the bolded portions of the first sentence to reflect where your animals were obtained and where they are housed at DFCI.

The animals obtained from **XXXX** or animals from our breeding colony are housed (maximum 5 to a cage) and cared for at the **Redstone Animal Facility at Longwood Center and/or Lurie Family Imaging Center at the Dry Dock campus** at the Dana Farber Cancer Institute (DFCI), Boston, MA. This animal facility is barrier-maintained, with HEPA-filtered air, sterilized isolator cages, irradiated rodent food and reverse osmosis water. The mice are under the supervision of the Facility's full-time Attending Veterinarian and trained animal care staff. Animals are regularly screened for pathogens and are negative for MPV, Sendai, PVM, MHV, GD-7, REO-3, EDIM, LCMV, GDVII, and internal and external parasites. The facility includes areas for animal procedures such as injections blood collection and surgery. Investigators may, with IACUC approval, perform terminal procedures (e.g., euthanasia) in their laboratory space. The IACUC inspects all lab spaces where animals are held for more than one hour during semi-annual facility inspections.

The Redstone Animal Facility animal management program is accredited by the American Association for the Accreditation of Laboratory Animal Care (AAALAC), International, meeting or exceeding all the standards for animal care and use. During the course of these studies, any animals displaying any behavior indicative of compromised health, disease or signs of discomfort will be euthanized and subjected to an autopsy. The Dana-Farber Cancer Institute Animal Care and Use Committee (IACUC) reviews all experimental protocols.

The Attending Veterinarian is full-time and also serves as the Sr. Director of the Animal Resources Facility (ARF). ARF animal care staff is trained to distinguish clinical signs associated with abnormal behavior, disease, injury, or morbidity in individual animals. Clinical conditions are reported immediately to the ARF Technical Services staff, one of the ARF managers/supervisors, or to the Attending Veterinarian via the ARF Health Monitoring Report database. Upon notification, the Attending Veterinarian examines any animals in question and prescribes continued observation, treatment or euthanasia with or without diagnostic testing with the consent of the investigator. Treatments are based

largely upon published standard procedures and are performed by qualified members of the ARF staff. Prescribed treatments are documented in the ARF Health Monitoring online database. The investigator is kept abreast of the situation via direct contact or e-mail. If the clinical condition requiring a prescribed treatment occurs with some degree of frequency within the rodent strain or colony, the Attending Veterinarian or the ARF Technical Services personnel may provide a written description of treatment of the condition in a standard operating procedure. The Attending Veterinarian has the ultimate responsibility to prescribe appropriate treatment and/or determine the disposition of any animal.

Holidays are staffed at a comparable level to a normal workday, and all rooms are monitored. On weekends, ARF senior staff monitors the facilities along with dedicated weekend staff. Weekend animal care includes observation of all colonies, feeding and watering as needed and basic husbandry as assigned. Animals are also monitored for health problems and overcrowding. Routine and untoward observations are recorded in the Health Monitoring database. For emergencies, one or more members of the ARF management staff, including the Attending Veterinarian, can always be reached by cellular, home telephone or by the DFCI paging system. Telephone and pager numbers for responsible staff are posted within the facilities. Additionally, DFCI Security has a list of managers on call and their contact information. Other laboratory animal veterinarians in the Boston area provide backup veterinary care when needed.