

IACUC Requirements for Live Animal Imaging

The principal investigator (PI) using the NDIF must provide an IACUC- approved protocol that covers all aspects of experimental design related to the use of animals regarding any imaging equipment housed within the InVivo imaging spaces. These aspects should include (but may not be limited to):

1. The total number and frequency of anesthetic treatments that each animal will receive over the course of the experiment.
2. The endpoint criteria (the conditions under which the animal will be euthanized) and method(s) of euthanasia.
3. A detailed description of any chemicals/drugs/reagents (including isoflurane) that an animal will be administered over the course of the experiment, including their concentration(s), route, and frequency of administration.

The protocol of the PI using the facility must specify the identity of the tracer molecule/ligand. Prospective NDIF users can begin live animal imaging at the NDIF InVivo Imaging Core after they possess IACUC-approved protocols that provide the information listed above.

Please sign below to indicate that you have obtained the necessary IACUC approvals. Please contact the NDIF manager for additional information or assistance with the IACUC approval process.

I, _____(print), have read the paragraphs above and possess IACUC-approved protocols that provide this information and allow me to do live animal imaging.

Signed:

Date:

IACUC Protocol Number: _____