

Transgenic Animals Policy

Title:	Transgenic Animals
Last Reviewed Date:	02-05-2026
Last Revised Date:	02-05-2026
Effective Date:	01-01-2007
Applies To:	Faculty, staff and students, others
Contact:	EHS Biological Health and Safety 860-486-1838 ehs@uconn.edu

1 BACKGROUND

The NIH Guidelines for Recombinant or Synthetic Nucleic Acids ([NIH Guidelines](#)) specify in Section III-D that experiments covered under this section must be reviewed and approved by the Institutional Biosafety Committee (IBC) prior to the initiation of the experiment.

2 PURPOSE

To provide Institutional oversight for the creation or use of transgenic animals.

3 APPLIES TO

This policy applies to anyone at the University of Connecticut, Storrs, Avery Point, Hartford, Stamford, or Waterbury campuses, conducting or sponsoring research or teaching activities that involve animals in which the animal's genome will be altered by introduction of recombinant or synthetic nucleic acids into the germ-line.

4 DEFINITIONS

Animals: All organisms in the Kingdom Animalia.

5 POLICY STATEMENT

The creation of transgenic animals falls under Section III-D-4 and therefore requires review and approval prior to initiation of experiments.

6 ENFORCEMENT

Violations of this policy and any related procedures may result in appropriate disciplinary measures in accordance with University Laws and By-Laws, General Rules of Conduct for All University Employees, applicable collective bargaining agreements, and the University of Connecticut Student Conduct Code.

7 RESPONSIBILITIES

7.1 PRINCIPAL INVESTIGATOR

- PI's must submit an IBC Registration or an amendment to their existing approved registration, to ensure activities involving transgenic animals are approved prior to initiation of work.
- Registrations must clearly identify the following:
 - Animal species
 - Transgene name
 - Transgene function
 - Biological source of transgene
 - Vector(s) used
 - Method of transformation
 - Physical location of laboratories and research animal housing/holding
- The PI must ensure that when a transgenic animal is euthanized or dies, the carcass will be disposed of by incineration or other method approved by the IBC, Biological Safety Officer (BSO), and Animal Care Services (ACS). The IBC and BSO will determine whether the disposal method will be biomedical, nonhazardous biological incineration, or other methods suitable for the animal involved. The requirement for a specific method of disposal applies to transgenic animals, potentially transgenic animals, "no takes" in the production of transgenic animals, and progeny of transgenic animals. No changes to the approved disposal protocol are allowed without prior review and written approval from the IBC and BSO.
- The PI is responsible for immediately reporting any and all incidents involving transgenic animals to the BSO and IBC Program Director, including but not limited to:

- the inadvertent release of animals;
- bites or exposures;
- improper disposal of transgenic animals; and
- other incidents in the laboratory or classroom.

These incidents will be reported to the IBC and the NIH as needed.

- The PI is responsible for training students, teaching assistants and staff about the policies and procedures for animal handling and appropriate carcass disposal.

8 FORMS/PROCEDURES

Fill out the Institutional Biosafety Committee registration/Biological Summary in [HuskySMS](#) or make updates to an existing registration/summary.