UConn Health Center

UCHC Regulatory Use Only:

GMO#: **ABSL-____**

ACC Protocol #: **IBC Registration #:**

ACC Coordinator sign: **IBC Coordinator sign:**

Date: **Date:**

FOR REGULATORY INFO SEE PAGE 2 AT END

GTTF, ACC and IBC Regulatory Coordination Sheet (Internal UCHC)(1.4)

Instructions: 1.) Please complete this form (1 form per Animal Construct) and return it by Email to:

Ron G. Wallace, PhD, CIH, Biological Safety Officer / IBC Coordinator, Office of Research Safety MC3930, UCHC
Tel: (860) 679 2723; Fax: (860) 679 3826; rwallace@adp.uchc.edu

2.) Place cursor behind x, backspace and begin typing. To mark check boxes, 2x click the box, then 2x click "checked" in dialog box.

Section 1. Personnel working on this project and supplemental information:

1) Principle Investigator:_x Degree:_x Application Date:_x
2) PI Emergency Telephone Contact: (work): _x (home):_x (fax):_x
3) Other Contact & their information:_x
4) PI's Email:_x PI's Office Location:_x Location(s) of work:_x
5) PI's Department:_x Mail Code:_x Approved ACC Protocol or Modification #:_x
6) Grant identifying information_x Accepted or submitted IBC Registration #_x
7) Project Title (as it appears on Grant):_x
8) List other personnel working on this project:_x
9) Please list any crosses that are anticipated with the strain(s) that you are registering:_x

Section 2(a). Summary of purpose of animal construct in the research

1.) Specify the gene that is being targeted or the sequence(s) inserted and list the NCBI "Gene" ID# or the "Nucleotide" (Genbank) accession #:_X

2.) Please provide a short summary about the research (for the IBC to know the context of the use of this gene and also describe what this gene does):_X

(b). Please answer in terms of the constructs and in terms of the work in which the constructs will be used.

☐YES ☐NO Does this work involve nucleic acid sequences from organisms, viruses or coding for biological toxins that are pathogenic to humans, animals or plants? If yes, specify:_x

☐YES ☐NO Does this work involve nucleic acid sequences with known or suspected oncogenic or otherwise harmful potential to humans, animals, plants or the environment through exposure by any means (such as expression of a vector) inherent in the system with which you are working? If yes, specify:_x

☐YES ☐NO Does this work involve viral vectors? If yes, specify:_x

☐YES ☐NO Will an attempt be made to obtain expression of a foreign gene(s) in any final host? If yes, indicate the protein(s) that will be produced and the host(s) that will be involved:_x

Section 3. ***Animal Construct Information*** (to check: double-click check boxes, double-click "checked" in dialog box)

LOCATION of CONSTRUCTION: ☐UCHC GTTF; ☐ OTHER (If other is a domestic vendor or institution, stop and contact Dr. Wallace (IBC Coordinator, x3781) If OTHER, specify:_x

WHO IS SUPPLYING the nucleic acid construct all or part of which will be carried by the final host?:
☐PI; ☐ UCHC-GTTF; ☐Other, specify:_x

RODENT SPECIES: ☐rat ☐mouse; BACKGROUND STRAIN(s): If known, specify for eggs or ES cells, and final Rodent Line:_

☐***Trangenic Rodent Constructs***

METHOD OF CONSTRUCTION: ☐Pronuclear injection; ☐Other If other, specify:_x

NAME OF DNA CONSTRUCT:_x

INSERTED SEQUENCE(S) OF INTEREST (check all that apply, copy and paste more sequences if required):

Sequence1- Species of Origin: ☐mouse; ☐rat; ☐human; ☐*A.victoria*- GFP or variant; ☐prokaryote, specify:_x ; ☐Other If other, specify:_x

Name of Sequence1:_x

Function of Sequence:_x

Sequence2- Species of Origin: ☐mouse; ☐rat; ☐human; ☐*A.victoria*- GFP or variant; ☐prokaryote, specify:_x ; ☐Other If other, specify:_x

Name of Sequence1:_x

Function of Sequence:_x

Sequence3- Species of Origin: ☐mouse; ☐rat; ☐human; ☐*A.victoria*- GFP or variant; ☐prokaryote, specify:_x ; ☐Other If other, specify:_x

Name of Sequence1:_x

Function of Sequence:_x

☐***Targeted Gene Mutation Rodent Constructs***

CONSTRUCT DETAILS:

- Targeted Gene species of origin:_x ;
- Name of Targeted Gene(s):_x

TYPE OF MUTATION and CHARACTERIZATION:

☐**Deletion**, specify size, location and/or sequence:_x ;
☐**Insertion**, specify name of sequence, location, sequence and/or size:_x ;
☐**Point Mutation**, specify location, base change and resulting amino acid change:_x ;
☐**Conditional Mutation** (inserted sequence), specify sequence:_
☐**Other,** specify type of mutation and characterize it:_x

Checklist for beginning of construction:

1. Send a copy of the protocol (including pertinent modifications) and letter of approval or submit a UCHC protocol to the UCHC ACC. The protocol must specifically mention the animal construct you are ordering.
2. Institutional Biosafety Committee (IBC) Registration Acceptance – Send a copy of the IBC registration and approval from your IBC or fill out this form and submit it to the UCHC IBC Coordinator/BSO. If the registration reads clearly and is complete it will be accepted for the agenda of the next IBC meeting.
3. Completed Construct Request Form (from GTTF).
4. The NCBI "Gene" ID# , the "Nucleotide" (Genbank) accession # or the sequence:_X

Federal Requirements and Institutional Policy:

1. Federal laws and guidelines require that each animal used in research be specified under a protocol approved by the Institutional Animal Care and Use Committee (at the UCHC, it's the ACC).
2. It is a condition of NIH funding for all PIs at the Institution that use rDNA, that all non-exempt experiments be registered according to the *NIH Guidelines for Research Involving Recombinant DNA Molecules.* Although the rules of registration for BSL-1 transgenic and targeted allele rodents are somewhat relaxed by allowing the beginning of construction upon *submission* of an acceptable registration instead of upon *approval* by the IBC, registration is nonetheless a requirement.

_____ _____

PI SIGNATURE DATE