# EHRS Date Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reg. Doc. No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# penn_fulllogo

**r∙s∙NA REGISTRATION AMENDMENT FORM**

**NOTE:** If you are changing the **VECTOR** or **METHOD** of gene delivery you must file a new registration. Any questions should be referred to a Biosafety Officer at 215-898-4453.

Principal Investigator:       Penn ID#:

This form amends (refers to) IBC registration #:

**I.**  I am terminating this project.

**II.** Adding a **TRANSGENIC BREEDING PAIR** to an existing registration.

**Transgenic Rodents**: (must check off at least one of the following)

require ABSL-2 or higher containment

contain a transgene under the control of a gamma retroviral promoter

contain a transgene encoding more than 50% of an exogenous eukaryotic virus

Specify existing line and the genotype of the newly creating transgenic strain:

|  |  |  |  |
| --- | --- | --- | --- |
| **Existing Transgenic Line “A”** | **Existing Transgenic Line “B”** | **Newly Bred Line “C”** | **Genotype of New Transgenic** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**III.** Adding a **TRANSGENE** to an existing registration.

Specify the nature of the gene sequence inserted into the recombinant vector:

|  |  |  |  |
| --- | --- | --- | --- |
| **Promoter** | **Gene Name** | **Source of gene** (genus, species) | **Biological Activity of Sequence** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**IV.** Adding a **TARGET RECIPIENT** to an existing registration.

Indicate the recipient(s) of the r∙s∙DNA (check all that apply).

Animal only (specify species and if mouse, strain):

Tissue Culture only (specify cell line name and source):

Tissue culture cell lines into animals

Specify cell line name and source:

Specify animal species/mouse strain:

Plant cells:

Plants:

Gene therapy, specify target host (s):  Human  Animal –

species/mouse strain:

DNA vaccine, specify target recipients (s):  Human  Animal –

species/mouse strain:

**V.** Adding **GENOME EDITING TECHNOLOGY** (e.g. CRISPR/Cas9, Zinc Finger Nucleases (ZFNs), TALEN, etc.).

Adding gene(s) targeted for editing:

|  |  |  |
| --- | --- | --- |
| **Gene Name** | **Target Species** | **Biological Activity of Sequence** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Adding consequences for editing:

Deletion

Insertion

Mutation

Transcriptional regulation

Other, describe:

Adding delivery method:

1. Are the nuclease (i.e.: Cas9, Cpf1, etc.) and guide RNA on the same plasmid, vector, or delivery vehicle?

No  Yes

1. Identify how the nuclease is delivered

RNA  Protein  Plasmid  Viral Vector, type:

Other, describe:

1. Identify how guide RNA is delivered

RNA  Plasmid  Viral Vector, type:

Other, describe:

**VI.** Adding or removing **PERSONNEL** on an existing registration.

|  |  |  |
| --- | --- | --- |
| **Name** | **Penn ID** |  |
|  |  | ADD  REMOVE |
|  |  | ADD  REMOVE |
|  |  | ADD  REMOVE |
|  |  | ADD  REMOVE |

**VII.** Changing the **BIOSAFETY CONTAINMENT LEVEL** from the approved Biosafety Containment Level in the existing registration.

1. This project will be conducted at Biosafety Level:  1  2  3
2. This project will be conducted at Animal Biosafety Level:  N/A  1  2  3

**VIII.** Your signature below indicates that you acknowledge all requirements and restrictions of the most current NIH guidelines for the Biosafety Level you have indicated above, unless modified by the IBC; that you accept responsibility for the safe conduct of the experiments conducted at this Biosafety Level; and that you have informed all associated personnel of the conditions required for this work.

**Signature of Principal Investigator:**       Date**:**

Sponsorship (\*Required only if investigator is not a member of the Standing or Associated Faculty)

Faculty Sponsor\* (PRINT):

Faculty Sponsor\* (SIGNATURE):       Date: