Animal Care and Use Committee For Administration Use Only

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| Protocol No. | Date Received: | Committee Meeting Date: |

**LABORATORY, FIELD AND TEACHING PROTOCOL
2nd, 3rd and 4th year**

**Renewal / Continuation Form**

Renewals are for previously approved protocols ONLY (Year 2, 3 or 4). Please submit a **signed electronic version** of this form to acuc@unbc.ca.

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| [ ]  There will be no changes (complete this form) [ ]  There will be minor changes (complete this form)*Examples of minor changes include: change in staff/personnel, use of different strain but same species, post-mortem tissue collections, change in acceptable anesthetic protocols. Major changes require the completion of a new protocol application. Examples of major changes include: the nature of invasive procedures(s) has changed, discontinuing and/or the withdraw of anesthetics/analgesia to current procedures that may cause pain and / or distress, any changes that result in a change in the “Category of Invasiveness”, changes in animal species or any increase in the number of animals used.* ***If in doubt which form to complete, please contact the ACUC Chair or the ACUC Coordinator.*** |

**1. GENERAL INFORMATION**

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| Project Title:  |
| Current ACUC Protocol Number:  | Fund and Org Number:  |
| Is this a collaborative project with another CCAC-certified institution? [ ]  Yes [ ]  No If yes, please attach a copy of the approval letter from collaborating institution. |
| Principal Investigator |  | UNBC Department |  |
| Position/Rank |  | Application Date |  |
| Phone |  | Email |  |
| Multi-Year Project \_\_\_\_/\_\_\_\_(Indicate the year this application relates to) yr /of/ yr | Location where study will take place:  |
| CCAC Category of Invasiveness: [ ]  A [ ]  B [ ]  C [ ]  D [ ]  E(see *Definitions* in Section 5 of this document for details) | CCAC Purpose of Animal Use (PAU’s):[ ]  0 [ ]  1 [ ]  2 [ ]  3 [ ]  4 [ ]  5(see *Definitions* in Section 5 of this document for details) |

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| Declaration: I, the undersigned, will ensure that all animals used in this project will be treated and cared for in accordance with the policies and guidelines of the Canadian Council on Animal Care and the requirements of the relevant international, federal, provincial and municipal legislation. I accept responsibility for keeping the information in this application current and accurate and for notifying the Animal Care and Use Committee of any deviations from this proposal. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Principal Investigator Signature Date |

**2. Description of Original Research Proposal (Lay Summary)**

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| *In lay terms provide a brief description of the original research objectives and the procedures that have been used.* ***USE LANGUAGE THAT A NON-SCIENTIST CAN UNDERSTAND****.* ***MAXIMUM 250 WORDS*.**  |

**3. RESEARCH UPDATE - *Report on activities for the previous year’s ACUC protocol.***

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| ***3.1*** *List the number and species of animals used in this project over the past year. Indicate whether the numbers deviated from those targeted in the initial proposal and justify deviations.* |
| ***3.2*** *Describe any expected and unexpected morbidity or mortality experienced for target and non-target species.*[ ]  N/A |
| ***3.3*** *Were there any other problems or complications encountered relative to animal use/welfare? Were there any inadequacies in endpoints as described in the original protocol? If yes, please briefly describe.*[ ]  Yes[ ]  No |
| ***3.4*** *Have any amendments been submitted throughout the past year?* [ ]  Yes [ ]  No |
| ***3.5*** *If there are any minor amendments/changes from the approved protocol in the upcoming year, please describe.*[ ]  N/A |
| ***3.6*** *Was there any progress made in the past year with respect to the 3 R’s (Replacement, Reduction and Refinement) and the number of animals used? Please provide details.* [ ]  Yes [ ]  No |

**4. ANIMAL INFORMATION**

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| ***4.1*** *Identify the number and species of animals to be used in the upcoming year for this project. Please provide copies of permits and permit numbers if wild animals are to be used.* |
| Common Name | Scientific Name | Number/Year | Project Location |
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| ***4.2***Do these numbers deviate from the original animal use protocol?[ ]  Yes[ ]  NoIf YES, please indicate below the animal numbers in the original application.

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| Common Name | Scientific Name | Number/Year | Project Location |
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**5. DEFINITIONS**

**0: Breeding Colony/Stock** – Animals held in breeding colonies (e.g., fish, rodents) that have not been assigned to a particular research or teaching protocol.

**1: Fundamental Nature Studies** – Studies of a fundamental nature in sciences relating to essential structure or function (e.g., biology. psycho-biochemistry, pharmacology, physiology, etc.). Possible examples are studies designed to understand: the cellular and/or molecular basis of inflammatory reactions or basic physiological or biochemical reactions; one of the various roles played by a hormone or other compound in mammals; the behavior of species; the population dynamics of various species.

**2: Medical Purposes -** Studies for medical purposes, including veterinary medicine, that relate to human or animal diseases. These are studies carried out to better understand a specific disease or disorder and to possibly find therapies for it. Possible examples: development of a mouse model for a specific type of cancer or other disease; studies to determine which antibodies are the most likely to contribute positively to the therapy of a specific type of cancer; studies to determine which molecule within a particular class of compounds is the most likely to contribute to maintaining stable blood glucose levels in an animal model of diabetes.

**3: Regulatory Testing** - Studies for regulatory testing of products for the protection of humans, animals, or the environment. Possible examples: safety testing, regulatory toxicology, vaccine efficacy trials and testing of new therapeutic compounds.

**4: Development of Products** - Studies for the developmentofproducts or appliances for human or veterinary medicine. These are studies that investigate potential therapies (as determined following studies of PAU 2) for humans or animals, before regulatory testing. PAU 3 is carried out on the most promising therapies. **Possible examples** include studies undertaken to: investigate the role and effects of a specific drug or immunotherapy candidate for cancer; develop physical devices to assist heart function; develop artificial organs.

**5: Education and training** – Education and training of individuals in post-secondary institutions or facilities. These are teaching or training programs where animals are used to introduce students to scientific work and teach manual skills and techniques.

**Category of Invasiveness\***Refer to ‘new’ protocol forms or the CCAC guidelines for descriptions.