Addendum to 2019 Annual Report Registration Number: 32-R-0025 Customer ID Number: 798

IACUC approved exception to space requirements:

Species: Yucatan swineNumber of animals: 18

· Time frame: after surgery until end of experiment

Explanation:

The deviation is related to the housing of Yucatan swine up to 120kg in a single cage. It is preferable to house swine of this size and species socially; but it was requested by the Vet and PI that these animals be singly housed to prevent any interaction/altercations between pigs which could result in injury to an experimentally fractured leg.

IACUC approved Pain level E - Swine:

· Species: swine

Number of animals: 3

• Pain Level E justification:

We believe that we have developed an analgesia plan that will manage potential pain or distress, but will defer to the clinical veterinarian for advice regarding modifications to the analgesia plan and euthanasia. We have no reason to withhold analgesia in this training procedure, but the model may result in potential pain or distress, so we are proactively classifying these pigs as category E, though our intent is to provide appropriate supportive care to minimize potential pain or distress.