

USDA, APHIS Form 7023 (FY21)**Centers for Disease Control and Prevention Registration Number: 57-F-0004****Attachment B: Exceptions to Regulations and Standards**

During the reporting period, the following exceptions, as defined in the standards and regulations of the Animal Welfare Act, were approved by the CDC – Atlanta Institutional Animal Care and Use Committee (IACUC):

1. Physical restraint of rabbits used for tick feeding, the CDC-Atlanta IACUC has approved the following:

Number of rabbits affected: 64

The rabbit is fitted with an Elizabethan collar to prevent it from removing the chambers during the 1-3 week feeding period. Rear legs of a rabbit are taped using 1/4" medical water-proof tape ("Band-Aid") with ~3" space left between the legs to prevent the animal from scratching and damaging tick-feeding bags on its back. Space left between the legs allows a rabbit to comfortably sit, lay and move about the cage but not to scratch. Rear legs of a rabbit are taped for the duration of infestation but not exceeding 18 days. These rabbits are closely monitored by the PI and associates.

2. Single housing of non-human primates defined as an animal housed alone but with visual, auditory, and olfactory contact with others of the same species:

Number of single-housed macaques: 66.

Efforts are made to pair or group non-human primates to meet their social needs. In addition, standard enrichment is provided in accordance with the Animal Welfare Act. However, the IACUC has approved the single housing of non-human primates for periods of studies that require the evaluation of infectious agents. This is due to the possibility of transmission between animals which can occur from biting, exchange of bodily fluids, and grooming. The IACUC reviews the single housing requirement in approved protocols annually. Additionally, the IACUC reviews social housing of non-human primates on a monthly basis during a convened meeting.

During the reporting period, the following exceptions, as defined in the standards and regulations of the Animal Welfare Act, were approved by the CDC – Fort Collins Institutional Animal Care and Use Committee (IACUC):

1. Single-housing of 8 rabbits was approved to prevent fighting in addition to safe recovery from surgical implantation of a device and prevention of damage to an implantation site from a cage mate. Human contact was increased and rabbits were in the same room with conspecifics.
2. 2 rabbits were single-housed for biosecurity to prevent removal by a cage mate of ear bags used during tick feeds.