

**IACUC Approved Exceptions to the Animal Welfare Regulations and Standards**

- 1. Title and Section of Animal Welfare regulations for which an ACUC-approved exception was granted:** Section 3.81 Environment enhancement to promote psychological well-being.

**Description of and rationale for ACUC-approved exception:** there are 5 IACUC approved conditions where animals have been housed singly:

- 1) Animals participating in vaccine studies, where model development requires infection or efficacy is tested by challenging with live virus or bacteria. The animals are singly housed for the duration of the infectious period. When animals have tested negative for the infectious agent, they may be returned to social housing.
- 2) Animals participating in vaccine studies using live attenuated virus. Animals are re-paired 24-48 hrs after vaccination, when no reaction is observed at the injection site.
- 3) Animals participating in pharmacokinetic studies which require urine sample over timed intervals are housed individually to allow urine to collect in a pan below the cage. Animals may return to social housing at the end of sample collection.
- 4) Animal behavior being observed for up to 6hrs after drug administration.
- 5) Animals identified as fecal donors will be singly housed to maintain pathogen status.

The single housing provided maintains visual, auditory, and olfactory contact with conspecifics, manipulanda, and food enrichment, as appropriate.

**Species and number of animals affected by this exception:** 12 Capuchin Monkeys, 106 Cynomolgus Monkeys, 181 African Green Monkeys, and 273 Rhesus Monkeys.