A) RESPONSIBILITIES

All employees of UTSA and visiting scholars at UTSA using animals in research are responsible for following this policy. If an exception is needed by an employee or visiting scholar it is the responsibility of the IACUC to review for approval such requests for an exception to this policy.

B) BACKGROUND

The 2011 Guide for the Care & Use of Animals states, “… newly-received animals should be given a period for physiologic, behavioral, and nutritional acclimation before their use… The need for an acclimation period has been demonstrated in mice, rats, guinea pigs, nonhuman primates, and goats, and time for acclimation is likely important for other species as well.” Conour et al (2006) stated, “Failure to plan for acclimation and stabilization of the animals may result in a need for increased animal numbers to determine statistically significant differences in experimental results and may place collected data at risk for inaccuracy and irreproducibility (Furudate et al. 2005).”

C) APPLICATION

This policy applies to research protocols and not those for teaching, demonstration or other purposes.

D) DEFINITIONS

Acclimation Period – Period of time by which newly-shipped animals are given a rest period for physiological, psychological, and nutritional stabilization before their use in research projects. This allows animals to recover from shipping stress and permits them to adapt to their new surroundings.

E) PROCEDURES

1) Based on the Guide’s requirements and the references listed in this policy,

UTSA’s IACUC requires a minimum of a 3-day acclimation period for all newly
inter-institutionally transported animals. Certain models and research projects may require longer acclimation times. Please consult the Veterinarian for acclimation times. Investigators are encouraged to consider such factors to meet their specific research needs.

2) Animals may not be used for research purposes until completion of the acclimation period.

3) Exceptions to this policy must be justified in the IACUC protocol.

4) Urgent requests to use animals before completion of the 3-day acclimation period must be requested in writing to the IACUC Chair.

F) REFERENCES


