

University of Chicago
Registration Number: 33-R-0151
Client Number: 577

IACUC Approved Exceptions during Reporting Period 10/1/2018 to 9/30/2019

Exception	ACUP #	Species	Explanation of Exception	# of Animals
Constant Darkness	71383	Siberian Hamster	Up to 12 weeks of constant darkness is needed to test the impact of the photoperiod on the immune and reproductive systems. This approximates photoperiods experienced by this species during winter in the wild.	0
Continuous 24 Hour Light Cycle	71383	Siberian Hamster	Up to 8 weeks constant light to test the impact of the photoperiod on the immune and reproductive systems. These photocycles allow for the free expression of hamster circadian sunrises and sunsets being imposed by a light dark cycle, and thereby provide a more direct snapshot of how their circadian clock regulates immune and reproductive function.	0
Food Restriction 24 hours or greater	71383	Siberian Hamster	Food may be removed for up to 48 hours for food entrainment studies. This mimics normal species behavior for these animals in nature and permits identification of spontaneous food seeking behavior.	0
Cool Housing Temperatures	71383	Siberian Hamster	Siberian hamsters may be housed at 15 degrees centigrade to understand how ambient temperatures influence seasonal timekeeping. This mimics the normal seasonal temperature variations for this species of hamster.	0
Continuous Breeding Pairs Maintained after give birth	71383	Siberian Hamster	This is a normal breeding paradigm for this species of hamster.	21 pairs (42 hamsters)