

Centre for Advanced Imaging Research Animal Facility (CAI)

The CAI animal facility provides access to state-of-the-art imaging equipment for animal research purposes.

Room/Location	Room 306 Bldg 57	Room 306A bldg 57	Room 317A bldg 57	Room 317 bldg 57
Animal species housed	Mice	Mice	Mice	Rat
Cage/tank/housing system (type and dimensions)	OptiMice			GR1800DD
Cage floor area	484cm ²			1862 cm ²
Food	Speciality Feeds Rat and Mouse Cubes (SF00-100) (Autoclaved)			
Water	Reverse Osmosis (RO) Water			
Additional food enrichment or supplements	Grey striped Sunflower Seeds (Autoclaved)			
Bedding	1/8th inch Corncob bedding (autoclaved)			
Nesting material	Enviro-Dri (Autoclaved)			Tapvei: Aspen Nesting Material (Autoclaved)
Additional nesting/home cage enrichment	Kim wipes (Autoclaved)			n/a
Environmental enrichment	Shephard Dome Biological Associates , Chew sticks			Red tunnel/domes
Temperature and humidity parametres	~21°C, {50-70 RH}			
Sanitation (frequency of cage/tank water changes, material transferred, water quality)	Cages= 7 days with ≥3 mice, water = 7 days			Cages= 7 days , water = 7 days
Social environment (group size and composition/stocking density)	≤5 /cage			≤3/cage at maturity
Biosecurity (level)	PC2			
Lighting (type, schedule and intensity)	12L:12D			

GR1800DD: Tecniplast Greenline Individual Ventilated Cage Double Decker

OptiMice: Animal care Systems Exhaust Ventilated Cage