

School of Chemistry and Molecular Biosciences Research Animal Facility (SCMB)

SCMB is a conventional animal facility providing for research and housing of a range of small animal research models.

Room/Location	616 bldg 76	617 bldg 76	619 bldg 76	620 bldg 76	621 bldg 76	606 bldg 76
Animal species housed	Mouse				Rat	Fat Tailed Dunnart
Cage/tank/housing system (type and dimensions)	Filter Top		GM500		Open top small & large / GR1800DD	Open Top
Cage floor area	Small 280cm ² / Large 777cm ²		501 cm ²		Small 912cm ² Large 17682 cm ² /IVC 1862cm ²	1768cm ²
Food	Specialty Feeds: Rat and Mouse Cubes (SF00-100) (Autoclaved)					Meatball, Mealworms, cat Kibble
Water	RO water				Tap water	RO Water
Additional food enrichment or supplements	Grey striped Sunflower Seeds (Autoclaved)					
Bedding	Purachip		1/8th inch Corncob Bedding/ Purachip			
Nesting material	Enviro-Dri (Autoclaved)				Tapvei Aspen Nesting Material	Enviro-Dri (Autoclaved)
Additional nesting/home cage enrichment	Tissues				n/a	n/a
Environmental enrichment	Shephard Dome Biological associates , chew sticks				Black hide boxes	sand box, hide box, rock
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				Weekly	Spot clean
Social environment (group size and composition/stocking density)	≤ 5 /cage				≤3/cage at maturity	< 1 /cage
Biosecurity (level)	PC2					
Lighting (type, schedule and intensity)	12L:12D					

GM500: Tecniplast Greenline Individual Ventilated Cage

GR1800DD: Tecniplast Greenline Individual Ventilated Cage Double Decker

Open Top

Static Micro Isolator (filter top)