

Internal, External and Commercial

To qualify for the Internal Price List, platform users must meet the following criteria:

1. Have been inducted and granted access to the west wing BSAF animal facility
2. Have own AEC ethics approval in place that covers the metabolic phenotyping experiments
3. Perform all their own mouse monitoring as described in the AEC ethics application, and
4. Use a Themis code (University of Melbourne) for payment

Only 'Internal' platform users will have access to the equipment outside of business hours. In particular, the Promethion metabolic cages will only be available to Internal users for weekend runs.

To qualify for the External Price List, users must be from an academic or research institution.

General			
Equipment / Service	Internal Researcher	External Researcher Ex. GST	Commercial Ex. GST
Housing and husbandry costs	N/A. Paid directly by researcher to animal facility	Animal facility costs are passed direct to researcher	120% of cost
Monitoring, assistance and necropsies	\$100/h	\$100/h	\$150/h
Training	No additional cost beyond equipment	No additional cost beyond equipment	No additional cost beyond equipment
Data analysis	\$100/h	\$100/h	\$150/h

Comprehensive metabolic phenotyping equipment			
Equipment / Service	Internal Researcher	External Researcher Ex. GST	Commercial Ex. GST
<p>Metabolic cage system (Promethion, Sable) Per run, up to 16 mice for up to 72 h. Platform-operated, but researchers are required to perform monitoring during weekend runs.</p> <ul style="list-style-type: none"> • Additional time beyond 72 h: \$100/night • If 2 groups share a booking, cost is split based on cage use % • Cancellation fee of 50% if cancelled within 4 weeks of run and no other group can take time spot • Cancellation fee of 100% if cancelled within 24 h of run 	\$300	\$600	\$900
<p>Minispec MRI scanner (LF50H, Bruker) Per hour booking. Allow 4 min per mouse plus 15 min for setup and clean up.</p>	\$20/h user-operated \$120/h platform-operated	\$40/h user-operated \$140/h platform-operated	\$190/h platform-operated

Functional testing equipment and services			
Equipment / Service	Internal Researcher	External Researcher Ex. GST	Commercial Ex. GST
Anaesthesia delivery system (Isoflurane; Somnosuite, Kent Scientific) Per hour. For use with: <ul style="list-style-type: none"> • Doppler • Muscle function equipment • Performing dissections 	\$5/h	\$10/h	\$20/h
Electrocardiogram recorder (ECGenie, Mouse Specifics) Per hour. Allow 10 min per mouse to collect ECG trace plus 10 min per mouse afterwards to extract data	\$10/h	\$20/h	\$40/h
Full glucose tolerance test (GTT) or insulin tolerance test (ITT). Price per cohort with maximum 8 mice.	Platform operated: \$300/GTT or ITT + \$50 for plasma collection if desired	Platform-operated: \$350/GTT or ITT + \$50 for plasma collection if desired	Platform-operated: \$525/GTT or ITT + \$100 for plasma collection
Glucose administration by oral gavage or i.p injection for GTT, or insulin administration by i.p. injection for ITT. Per cohort. User then completes the tolerance test.	Platform operated: \$100/h	N/A	N/A
Laser doppler imaging (Moor LDI) Per hour	\$10/h	\$20/h	\$40/h
Oxygen bomb calorimeter (CAL3K-U, DDS) Per 6 samples	\$100/h platform-operated	\$150/h platform-operated	\$200/h platform-operated

Equipment for muscle and exercise studies			
Equipment / Service	Internal Researcher	External Researcher Ex. GST	Commercial Ex. GST
Acceleration/Velocity track (Columbus Instruments) Per hour	\$10/h	\$20/h	\$40/h
Gait analysis (DigiGait, Mouse Specifics) Per hour	\$10/h	\$20/h	\$40/h
Grip-strength meter (GT3, BioSeb) and rotarod motor coordination (LE8205, Panlab) Per hour	\$10/h	\$20/h	\$40/h
Spontaneous running wheel (0297-16, Columbus Instruments) Up to 16 mice	\$110 for first day, \$10/day user-operated or \$60/day platform-operated thereafter	\$120 for first day, \$20/day user-operated or \$70/day platform-operated thereafter	\$190 for first day, \$115/day thereafter
Treadmill (Exer 3/6 with incline, Columbus Instruments) Per hour	\$10/h	\$20/h	\$40/h