UAB NATHAN SHOCK CENTER CORE SERVICES

Comparative Organismal Energetics Core (Organismal Core)

This core provides consultation in methods and study design, training, expertise and state-of-the-art instrumentation to facilitate research on the role of whole animal energetics and metabolism in aging.

Email this form to:

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Please provide the following information:

Investigator:

Email:

Project Title:

Funding Agency:

NIA ◯

NIH ◯

NSF ◯

Other ◯

APN#

What services are you interested in?

Dual-energy x-ray absorptiometry ☐

Quantitative magnetic resonance ☐

Chemical carcass analysis ☐

Micro---computed tomography ☐

Indirect calorimetry (metabolism) ☐

Food consumption ☐

Activity monitoring ☐

Forced exercise ☐

Core body temperature ☐

Fees

DXA small (for mice)	$7.50
DXA large (250g to 120kg)	$12.50
QMR (any size)	$5
MicroCT or pQCT	$75 per hour of scan time
Indirect calorimetry	$5 per animal per day (min. $15 for 2 day acclimation & 1 day measurement)
Indirect calorimetry (fish)	$50/animal
Carcass analysis (mice)	$25 per animal
Carcass analysis (rats)	$50 per animal
Carcass analysis (fish)	$15/sample
Wheel running cages	$2 per animal per day
Forced exercise wheels	$2 per animal per day
Temperature/activity transponders (Implantation)	$15 per animal
Activity/body temperature measurements	$2 per animal per day; $25 per surgery for implantation
Bomb calorimetry	$17.50 per sample