

**SERVICE REQUEST FORM FOR ANIMAL PHENOTYPING CORE
NEW YORK OBESITY NUTRITION RESEARCH CENTER**

Investigator: _____ email: _____

Date of Request: _____ Cell# _____

PI: _____ Email: _____ Account _____

Check One: Member () Non-Member Academic () Non-Member Industry ()

Complete form and email to licheng.wu@einstein.yu.edu

Animal Phenotyping Core	Quantity	Total
Adipose Tissue Histological & Morphometric Analysis H&E histology & morphology (per depot) Immunostaining of adipose tissue (per sample, minimum 4) Training		
Primary Cell Isolation & Analysis Isolation (per sample, minimum 4) Analysis & Quantification (per sample minimum 4) Training		
Adipocyte Differentiation mouse (per sample) human (per sample) Training		
Adipose Macrophage Differentiation mouse (per sample) Training		
Adipose Tissue Metabolism Assays Lipolysis (per sample) Glucose Uptake (per sample) Training		
Adipose Tissue Transplantation Depot Transplantation Training		
Body Composition <i>NMR</i> NYORNC Staff Analysis Member Analysis Training <i>DEXA Scan</i> NYORNC Staff Analysis Member Analysis Training		
Body Fat Distribution Micro CT		
Metabolic Surgery (per animal) Bariatric Surgery Autonomic Denervation Gastric Tube Feeding Brain Canulation & Injections Bone Marrow Transplantation Training		
Energy Expenditure Indirect Calorimetry, Food Intake & Motion Measurements Feeding behavior for solid/ liquid diet Temperature challenges & Core body temperature measurements Bone marrow transplantation per mouse (4 minimum)		