Metabolic Regulation Core List of Services

- Catheterization of Jugular Vein and Carotid Artery
- Cannulation of the Cerebral Ventricle
- Glucose Tolerance Test
- Hyperinsulinemic Clamp
- Hyperglycemic Clamp
- Glucose Turnover
- Hepatic Gluconeogenesis/Glycogenolysis
- Glycogen Synthesis
- Amino Acid Kinetics
- Tissue Specific Glucose Uptake
- Tissue Specific Fatty Acid Uptake
- Indirect Calorimetry/Energy Expenditure
- Metabolic Response to Exercise
- Spontaneous Exercise Activity
- Food Consumption
- Body Composition
- Exploratory Locomotor Activity
- Assessment of Real Time Imaging of Cellular Metabolic Events
- In vivo Optical Imaging of Gene Expression
- Isolation of Murine Pancreatic Islets From Normal and Genetically Modified Mice
- Measurement of Insulin Secretion by Pancreatic Islets
- Bariatric Surgery