COBRE: Behavior Core Services

Kerry Tucker, Ph.D. – Director
Glenn Stevenson, Ph.D. – Assoc Director
Denise Giuvelis - Technical Staff

**General Behavioral**

- Pain/Sensory Testing
  - Thermal
    - Mechanical
    - Chemical
  - Radiation
  - von Frey (Automatic or Manual)
  - Capsaicin Sensitization
  - Formalin, Carrageenan, CFA
  - Miscellaneous (Acetic Acid)

- Additional Neurobehavioral Assays
  - Psychiatric
    - Open Field
    - Elevated Plus maze
    - Forced Swim Test
  - Addiction Liability
  - Learning and Memory
    - Place Preference
    - Tolerance/Dependence
  - GI Transit
    - GI Transit (charcoal)

**Miscellaneous**

- Surgeries
  - Neuropathic Pain
    - Sciatic Nerve Ligation
  - Post-Surgical Models
    - Plantar Incision
    - Bone Injury (Calcaneus Bone)
    - Ovariectomy
  - Catheterizations/Cannulations
    - Intravenous/Arterial
    - Intracerebroventricular
    - Intrathecal
  - Dosing
    - Systemic
      - Subcutaneous Intraperitoneal Pellet Implant
    - Intramuscular Intravenous Oral gavage
    - Intracerebroventricular Intrathecal
    - Localized
      - Osmotic Mini-pumps Pellets and Sustained Release preparations