



CNS

Central Nervous System



CBI offers a variety of customized, investigative, and specialized surgical pharmacology and efficacy models centered on the Central Nervous System. We welcome the opportunity to develop new customized studies and efficacy models. We will help you design your next unique custom surgical study!

Some of our more esoteric capabilities include:

Toxicology Studies

- GLP and NonGLP CNS toxicity, PK and efficacy-toxicology studies with stem cells, biologics, small molecules, devices, others
- Combination efficacy and toxicology studies centered on the CNS.
 - Anesthesia-induced cerebral toxicity in neonates
 - Intracerebral, implantation, intracerebral tumors, dosing and treatments
 - Spinal cord, intracerebral, meningeal, dural and skull repair and patching
 - Stereotaxic administration dosing studies-ex 6OHDA for Parkinson's, or tumor treatment
 - Stent and vascular device deployment
 - Combination stem cell and device toxicity and efficacy studies

CNS Efficacy Studies

- Parkinson's disease
- EAE, Myasthenia gravis, other immune-mediated CNS disorders
- Glycogen storage diseases
- Stroke
- CNS and intracerebral tumors
- Spinal cord and brain trauma

Laboratory Capabilities

- Stereotaxic injections
- MRI, CT and Radiology
- Behavioral
- Histopathology, immunohistochemistry, tissue cross reactivity (TCR)
- Validation of antibodies under CLIA certification
- Multiplexing
- Immunofluorescence and histomorphology
- q-PCR, ELISA and bioanalytical
- In vitro assays (migration, invasion, and cytotoxic assays)

NEED TO CONDUCT A STUDY? Click here and check out our website. www.compbio.com



COMPARATIVE BIOSCIENCES, INC.

A TRANSLATIONAL APPROACH TO PRECLINICAL RESEARCH

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