Biospective has experience working with a large range of rodent models, particularly models of CNS diseases. We are a one-stop shop providing a full range of preclinical services, including model generation, housing, dosing, imaging, behavioral testing, autoradiography, and histopathology studies.

**IMAGING CAPABILITIES**

Biospective utilizes a broad range of imaging modalities to assess the therapeutic potential of novel disease-modifying agents:
- 7T MRI Scanner
- Tri-Modality (SPECT/CT/PET)
- Optical/X-Ray imager
- Phosphorimager (Digital Autoradiography)
- BetaIMAGER Fine (Digital Autoradiography)
- CatWalk™ XT

**NIGHTWING™** is Biospective’s state-of-the-art image processing software for animal brain MRI studies. The comprehensive, advanced, multi-modality capabilities of NIGHTWING™ are unparalleled and provide sensitive, quantitative measures for translational studies.
BEHAVIORAL CAPABILITIES

Biospective has experience performing a diversity of behavioral tests:
- Reward sensitivity
- Sleep analysis
- Learning & Memory
- Fear & Anxiety
- Olfactory testing
- Gait analysis and Motor function

IMMUNOHISTOCHEMISTRY CAPABILITIES

Biospective offers a broad range of standardized and customized histological & IHC stains:
- Perfusion fixation and tissue dissection
- Tissue embedding & processing
- FFPE & frozen tissue sectioning
- Histological and IHC staining
- Whole slide digitization

PERMITS™ is Biospective’s proprietary and automated software. It has been developed to provide accurate quantification of immunohistochemistry data from digitized tissue sections.

Contact Biospective

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