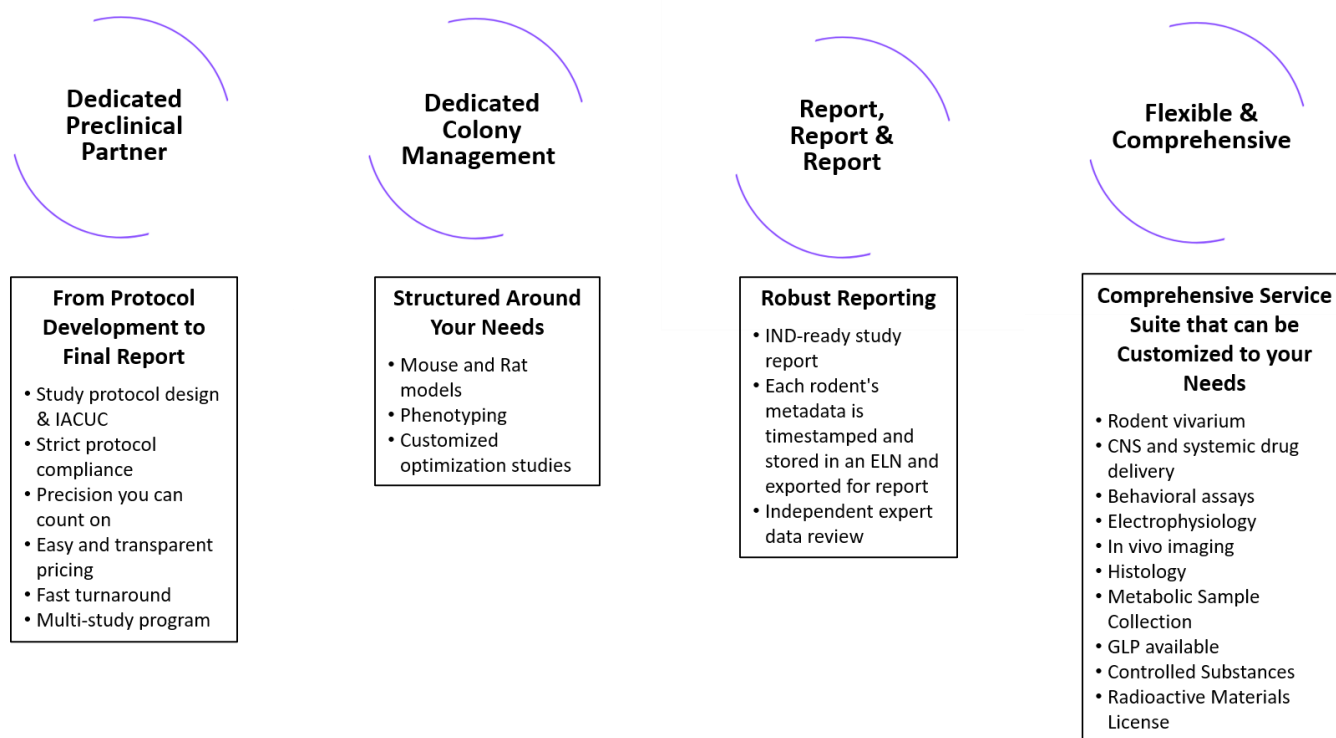




Preclinical Drug Development

At MuriPhys we strive to facilitate therapeutic discovery through the promotion of translational science. As a strategic preclinical partner, we pride ourselves on delivering quality, reproducible and precision focused data via operational excellence. We prioritize our sponsors' research objectives, budget and timelines to deliver flexible, tailored and cost effective pre-clinical research solutions in rodents.



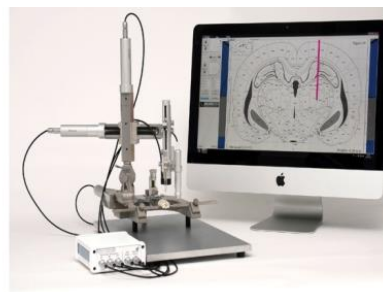
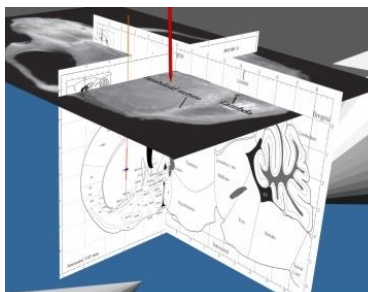
Whether you are an early-stage drug or platform development company or a mature conglomerate, MuriPhys is your dedicated preclinical partner. We are driven by meticulous attention to details, painstaking adherence to protocols and exacting environmental controls. We believe strongly and practice the three Rs of animal research (Replacement, Reduction & Refinement). In addition, we believe in the three Rs of good IND studies—**Report, Report and Report!** We pay particular attention to our final study reports, ensuring that your data-set is comprehensive, well organized and ready for IND submission. We reject the traditional label of CRO—our goal is to be your true preclinical partner.



Our Services

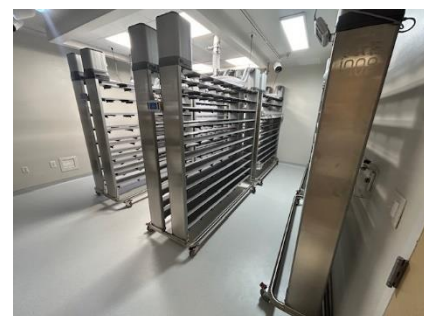
Pharmacokinetics (PK) and pharmacodynamics (PD), biodistribution, efficacy, and dose-response studies are essential for preclinical development, providing critical insights into a drug candidate's behavior and therapeutic potential. PK/PD studies elucidate how a compound interacts with the body, while biodistribution studies map its localization in tissues, ensuring target engagement and minimizing off-target risks. Efficacy studies confirm the drug's biological impact, and dose-response studies optimize dosing to balance effectiveness and safety. Muriphys offers a comprehensive solution for these essential study types, providing cutting-edge methodologies and tailored support to deliver the high-quality data needed for regulatory submissions and informed clinical development

State of the art stereotaxic robots for CNS drug delivery with μm accuracy.



State of the art facilities.

- Surgical Suites
- Behavioral Suites
- In vivo imaging suite
- In vivo Electrophysiology Suite
- Ophthalmology Suite





WORKFLOW

01

STUDY PROTOCOL DEVELOPMENT

Sponsor directed protocol development and IACUC approval

02

STUDY INITIATION

Study performed per approved study protocol

03

FINAL DELIVERABLES

Tissue samples, raw data and final report

04

COMPLETE REPORTING

We ensure all results are compiled in detailed reports.

Value we have provided for other clients helping ensure research goals are reached at a high level.