

NHP

BIOLAURUS CAPABILITIES *Non-Human Primate Studies*

BioLaurus offers support for your needs requiring Non-Human Primate Studies:

Following our Pharmaceutical Contract Research Affiliate (PCRA) business model we have combined our expertise in imaging and image analytics with a high quality vivarium - BTS Research - to provide molecular imaging in non-human primates. BTS research conducts all husbandry support, technical clinical support, clinical chemistry/hematology analysis, and veterinary support.

- All research is conducted in AAALAC and USDA registered facilities and in accordance with IACUC, OLAW, and FDA guidelines.
- BioLaurus has imaging instrumentation within our PCRA partner facility and our highly trained staff conduct all imaging related functions and activities. All image analytics is conducted solely by BioLaurus. BioLaurus typically serves as the primary contractor and does in-depth study monitoring/management during all phases of a study.
- The imaging research conducted is primarily with Cynomolgus monkeys (Rhesus monkeys are also available from the colony).
- While naïve NHP can be acquired, the normal subjects are monkeys from a large group of subjects, which are rotated through PK studies. The research performed in NHP are currently limited to PK/PD and Safety studies. At this time, we do not offer oncology or infectious disease models in NHP.



BioLaurus has been engaged in NHP research for three years and is growing our capabilities with the increase of research in this area. While we have a broad and deep knowledge of molecular imaging technologies and analytics we have begun our NHP services by focusing on SPECT or gamma camera imaging. You can rely on us as experts in the tricky art of platelet and T-cell radiolabeling, and the in vivo tracking of these cell populations in circulation and their organ sequestration patterns. We have conducted a very significant series of NHP studies over a three-year period that led to the resolution of the MoA of a drug class that altered platelet numbers significantly in patients in clinical trials. Indeed, the great majority of our clients have clinical stage drugs, for which imaging safety studies mean resolution of issues - keeping clinical trials on track.

Recently, BioLaurus has added a clinical ultrasound unit for future CVD, vascular, and oncology models (non NHP for the latter). The ultrasound unit is currently deployed to conduct cardiac function analysis in a drug induced cardiomyopathy model.

**We would be glad to discuss your needs,
and create a program specifically for you.**

BIOLAURUS

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Need a GLP Study?
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