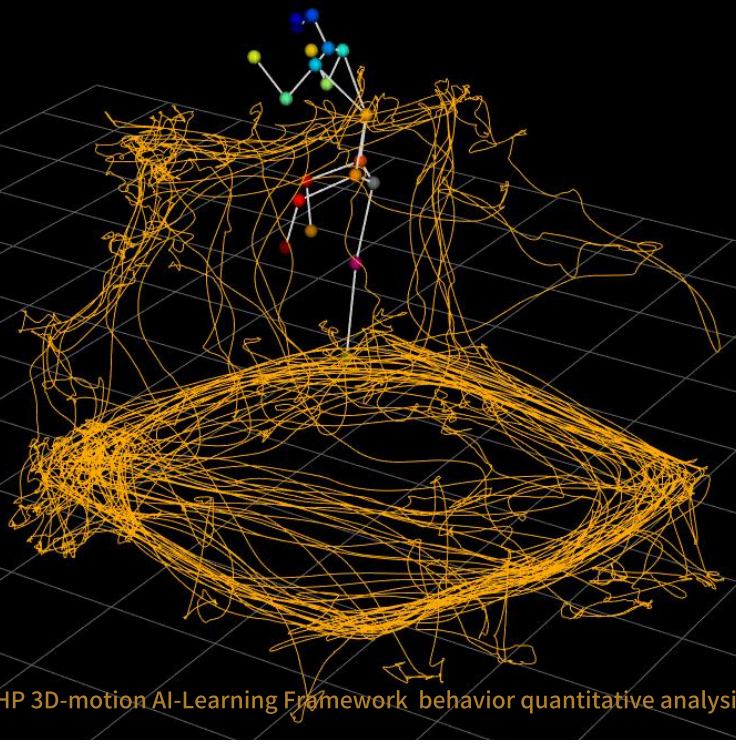
PRISYS

Integrated Research Platform & CRO

PRISYS Biotech aspires to be the leading innovator in non-human primate (NHP) disease modeling, and the capstone platform delivering more translational science and transformational technologies for new medicine.

PRISYS focus on the development of specialty technologies in experimental animals, from large to small species, providing ONE-STOP solution for research demands of *in vivo* study.

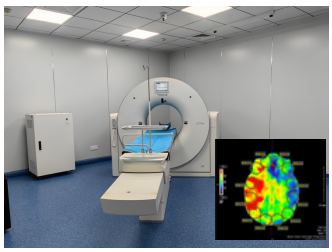


NHP 3D-motion AI-Learning Framework behavior quantitative analysis

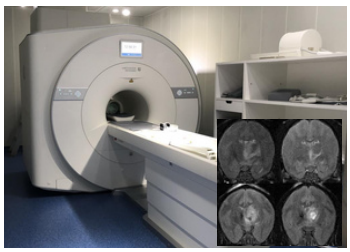
Prisys Service Scope

- NHP Pharmacology
- Safety Pharmacology
- Biosafety Research
- New Indications of Clinical Drugs
- PK/PD/ADME
- Translational Research
- GLP-toxicology and IND Packages
- Validation of New drugs and Technologies
- Drug Targets and Biomarkers
- Peri-clinical Studies
- Medical Device Development
- Monkey Studies for "Adaptive clinical trials"

NHP Translational Research Center



CT



MR



DSA



BSL-2

ONE-STOP solution for in vivo study



4000+㎡ lab size for in vivo & in vitro experiments
Housing Capacity: NHP (500+), Dog, Swine, Rabbit, Rat, Mouse

Disease-Research Departments:

- Medical science Unit
- Pulmonary disease unit
- CNS disease unit
- Metabolic disease unit
- BSL-2 laboratories
- Full ex vivo analysis

NHP MODELs of PRISYS BIOTECHNOLOGIES

Immunology	Delayed-type Hypersensitivity Rheumatoid Arthritis/CIA Monoarthritis Multiple Sclerosis/EAE Inflammatory Bowel Disease Psoriasis T-cell-Dependent Antibody Response Immunosuppression	**Hepatology**	NASH / NAFLD Acute Liver Injury Drug-induced Liver Injury Liver Fibrosis Portal hypertension Cholelithiasis	**Ophthalmology**	Experimental Autoimmune Uveitis/EAU Glaucoma Retinitis Pigmentosa Retinal Neovascularization Retinal Degeneration
		Nephrology	Acute Kidney Injury Renal Fibrosis/UUO Chronic Kidney Disease FSGS IgA Nephropathy/IgAN	**Gynecology**	Post-Partum Hemorrhage Endometriosis
Hematology	Hemophilia A Endotoxemia Arterial Thrombosis Wessler Stasis Anemia A-V Shunt Bleeding model	**Metabolism (Complications)**	Type I Diabetes Insulin Resistance	**Co-develop**	Systemic Lupus Erythematosus/SLE Endometrial Injury induced Infertility Sjögren's Syndrome Amyotrophic Lateral Sclerosis Epilepsy Diabetic retinopathy Myopia Kidney/Liver Transplantation Intrahepatic Carcinoma Intestinal Cancer Breast Cancer Brain Glioma Abdominal Aortic Aneurysms/AAA Transverse Aortic Constriction/TAC Sleep Apnea/hypopnea Autoimmune Myositis/Myasthenia gravis
Cardio-vascular	Acute Myocardial Infarction Heart Failure Deep Vein Thrombosis Pulmonary Artery Hypertension Pulmonary Artery Embolism	**Respiratory**	Acute Lung inflammation Asthma COPD PE Lung Fibrosis Allergic Rhinitis Acute Respiratory Distress syndrome/ARDS COVID-19-like		
		Neurology	Intracerebral Hemorrhagic Stroke Brain Ischemic Stroke/MCAO Pain Models Parkinson's Disease		

Please contact us for the most up-to-date and comprehensive list of Prisys' NHP disease models!

PRISYS

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