



Pharmacology Models

We are a responsible and AAALAC-certified contract research organization, dedicated to conducting ethical and high-quality *in vivo* studies. Our primary expertise is focused on, but not limited to, the following therapeutic areas:



Nervous System Diseases

Stroke, Traumatic Brain Injury, Pain, Neurodegenerative Diseases



Oncology

Solid Cancers, Hematologic Cancers



Male & Female Health

Overactive Bladder, Interstitial Cystitis/Bladder Pain Syndrome, Fertility Control (m & f), Benign Prostatic Hyperplasia, Heavy Menstrual Bleeding



Cardiovascular Diseases

Hereditary Cardiac diseases, Arrhythmias, Cardiomyopathies, Heart Failure, Injury and Regeneration, Cardiac Fibrosis



Inflammatory Diseases

Skin: Atopic Dermatitis, Skin Allergies, Psoriasis, Acne, Chronic Wounds, Hair Disorders

Joints: Rheumatoid Arthritis

Lung: Asthma, Lung Fibrosis

Systemic Inflammation:

Peritonitis, Mechanisms of Autoimmunity



Metabolic Diseases

NASH, Diabetes, Obesity, Aging



Rare Diseases

Human Induced Pluripotent Stem Cells

Deepening Disease Focus & Expertise

NUVISAN is your one-stop solution for diverse research needs! Our *in vivo* pharmacology works hand-in-hand with *in vitro* units, creating robust biology platforms that deepen disease focus and expertise. Explore our comprehensive list of animal models and services designed to cover a wide array of indications:

Oncology & Immuno-Oncology	>100 preclinical oncology models in mice and rats
	Comprehensive panels for immuno phenotyping and cytokine profiling
	Biomarker discovery with ready-to-use immuno histochemistry and immunofluorescence assays including spatial profiling approaches
	In-house next generation sequencing (NGS) platform
Metabolic Diseases	Oral lipid tolerance test
	Diet-induced and genetic rodent models for the study of diabetes, obesity, glucose, and lipid metabolism (acute and chronic)
Nervous System Diseases	iPSC-derived sensory and neuronal models
Cardiovascular Diseases	iPSC-derived cardiac models
Male and Female Health	Oocyte generation by superovulation

Inflammatory Diseases	
Acute Inflammatory Disease	MDP- or LPS-induced peritonitis in mice and rats
	Adjuvant-induced arthritis in rats (rAIA)
Inflammatory Skin Diseases	Imiquimod-induced psoriasis in mice
	Chemically induced of skin inflammation in mice
Lung Fibrosis	Bleomycin-induced lung fibrosis in mice and rats
	House dust mite-induced asthma in mice
	<i>Ex vivo</i> precision-cut lung slices (PCLS)
Aging	Immune monitoring of aged mice
Liver Fibrosis	CCL-4-induced liver fibrosis in mice
	TAA-induced liver fibrosis in mice
	<i>Ex vivo</i> precision-cut liver slice (PCLS) cultures

Contact us

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