



NUVISAN

The Science CRO

Pharmacology models

DRUG DISCOVERY

We are an AAALAC-certified contract research organisation conducting ethical, high-quality in vivo studies, complemented by cutting-edge human iPSC-based 2D and 3D in vitro efficacy models, with expertise in various therapeutic areas.

Nervous system diseases

Pain disorders, neurodegenerative diseases, iPSC derived human neuron models, brain organoids, in vivo models

Oncology

Solid cancers, hematologic cancers

Male and female health

Non-hormonal and hormonal female and male fertility control, endometriosis, custom made models, target ID and validation

Cardiovascular diseases

Hereditary cardiac diseases, arrhythmias, cardiomyopathies, heart failure, injury and regeneration, cardiac fibrosis

Inflammatory diseases

Inflammatory skin diseases, arthritis, peritonitis, airway inflammation, human iPSC based neuroinflammation; human PBMC based inflammation platform in vitro

Metabolic diseases

NASH, diabetes, obesity, aging

Rare diseases

Custom-made human iPSC based models, gene-edited or patient-derived

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Deepening disease focus and expertise

Explore our comprehensive list of animal models and services designed to cover a wide array of indications:

Oncology / immuno-oncology	Over 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
	Ex vivo precision-cut lung slices (PCLS)
Aging	Immune monitoring of aged mice
Liver fibrosis	CCl4-induced liver fibrosis in mice
	TAA-induced liver fibrosis in mice
	Ex-vivo precision cut liver slice cultures