

Project Licence titles 2025

Adaption and pathogenicity of bacterial pathogens at the host interface

Anticancer Drug Discovery, Target Validation and Experimental Therapeutics

Basic research and pre-clinical analysis of therapies for neuromuscular diseases

Bone Marrow Transplantation: Biology and Therapy

Breeding and production of genetically altered mice

Breeding Maintenance and Production of Genetically Altered Mice

Cancer progression in skin and breast: from tissue homeostasis to advanced cancers

Cardiac disease, recovery, regeneration and ageing

Cellular, circuit, and large scale population contributions to cognition

Characterising the role of post-translational modifications and specific gene modifications on innate immunity in mouse models

Control of movement in health and disease

Cortical and subcortical neuronal interactions during execution and observation of action

Development of brain tumour models in mice for tumorigenicity screens and pre-clinical therapeutic trials.

Developmental timing of symptom onset and therapeutic opportunity in genetic mitochondrial disease

Evaluation of innovative, miniature medical devices for improving current diagnostic and interventional medical procedures

Genetic control of cardiovascular development

Genetics of Cardiovascular Development and Function

How does gene expression control by RNA binding proteins enable germ cell development?

Investigating respiratory distress in poultry

Investigating the biology of musculoskeletal tissues in health and disease

Mechanisms underpinning normal heart development and congenital heart defects

Modeling liver disease in rats

Modelling ciliopathies.

Modelling organ fibrosis and cancer in mice

Mouse models of chronic inflammatory clinical conditions.

Novel genetic regulators of cardiovascular systems biology

Primate Neurobiology of Cognition Informing Neurology and Neurosurgery Patient Work

Regulation of the stress response in birds

Sensory processing in teeth

Strategies for the restoration of sight in retinal dystrophies

The cell and molecular mechanisms of general anaesthetics

The regulation of cortical activity

The role of complement (innate immunity) in disease, with a focus on the kidney, liver and eye.

Understanding brain circuits in health and disease

Understanding cardiac development and disease using zebrafish

Understanding mitochondrial dysfunction in disease