



biomere.com

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GENETICALLY MODIFIED ANIMALS PROGRAM OVERVIEW

- Customizable rodent colony management
 - Custom breeding strategies
 - Inducible models
 - Conditional models
 - Timed pregnancies
 - Shipments of colony animals nationally and internationally
- CARD methods for rederivation, IVF, and strain rescue
- Generation of customized transgenic and knockin mouse models
- Phenotypic characterization
- Procedural manipulations
- Pharmacology
- *In vitro* laboratories
 - Standard PCR genotyping
 - Real-time PCR genotyping

EXPERIENCE IN DIVERSE ANIMAL MODELS

- Citrullinemia type I and hyperammonemic syndromes
- Hemophilia B
- Cystic fibrosis
- Phenylketonuria
- Polycystic kidney disease, juvenile
- Ornithine transcarbamylase (OTC)
- Wilson’s disease
- Ectopic mineralization
- Stargardt macular dystrophy (STGD)
- Osteogenesis imperfecta (OI)
- Glucose-6-phosphatase deficiency (GSD1a)
- Mucopolysaccharidosis type II (MPS II)
- Fabry
- Gaucher
- ALS
- HexB
- Glycogen storage disease type II
- Townes sickle mice
- BKB2

COLONY HOUSING OPTIONS

Maximum Exclusion

No murine pathogens or specified opportunists allowed

Our shower-in facility is free of all murine pathogens and specified opportunists. Space is available for mouse or rat colony housing in IVC housing. Strains may undergo quarantine procedures or onsite rederivation for introduction to this facility.

Specific Pathogen Free

No murine viruses allowed

For those colonies that do not meet the strict Maximum Exclusion health status and have specific permissible pathogens that are of no consequence to a client’s research needs. Space is available for mouse or rat colony housing in IVC or conventional rack systems.

Quarantine

Specific pathogens allowed

Breeding and support of animals with specific pathogens for crucial experiments can be done at Biomere’s quarantine facility while your model is cleaned up, saving you valuable time.

IT’S PERSONAL.

Driven to expedite your journey.



“We take immense pride in providing the highest level of care and personal attention to both the animals under our care and to our clients. Our program gives clients a personal touch that is crucial for research success.”

- Kristin S., Associate Director, Genetically Modified Animal Program