



For nearly a decade, The Jackson Laboratory—West has supported the West Coast research community with a local supply of many popular JAX® Mice strains, as well as mouse breeding and *in vivo* research services. To keep pace with the explosive growth in West Coast biomedical research, we have expanded our California operation. Our new facility in Sacramento is twice the size, has significantly more *in vivo* services space, offers more extensive cancer services, and has four times more mouse production capacity than the previous facility.



JAX® Mice

The new facility serves researchers nationwide with a wider selection and increased availability of JAX® Mice.

JAX® Mice strains available from The Jackson Laboratory—West:

| | | |
|--|---|--|
| A/J (000646) | BALB/cByJ (001026) | DBA/2J (000671) |
| B6(Cg)-Tyr ⁻² /J (000058) | BALB/cJ (000651) | FVB/NJ (001800) |
| B6.129P2-Apoe ^{tm1Unc} /J (002052) | C3Bir.129P2(B6)-Il10 ^{tm1Cgn} /Lt (004236) | MRL/MpJ-Fas ^{lpr} /J (000485) |
| B6.129S7-Ldlr ^{tm1Her} /J (002207) | C3H/HeJ (000659) | NOD.CB17-Prkdc ^{scid} /J (001303) |
| B6.129S7-Rag1 ^{tm1Mom} /J (002216) | C57BL/6J (000664) | NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} /SzJ (005557) |
| B6.SJL-Ptprc ^o Pepc ^b /BoyJ (002014) | C57BL/6J DIO & Controls | SJL/J (000686) |
| B6CBAF1/J (100011) | CBA/J (000656) | TALLYHO/JngJ (005314) |
| B6D2F1/J (100006) | CBySmn.CB17-Prkdc ^{scid} /J (001803) | |
| B6SJLF1/J (100012) | DBA/1J (000670) | |

Animal Health Assurance

The Animal Health Program is modeled after our program in Bar Harbor, which relies on statistical sampling procedures and recognized serological and molecular testing protocols. Our clinical medicine program helps identify mice that appear abnormal and helps perform clinical investigation if the presence of infectious agents is suspected in a mouse colony. All diagnostic test results are posted on the JAX® Mice website.

Reliable Delivery

Our ground transportation network consists of specially-constructed trucks with alarmed environmental control systems. JAX® Mice are packed in our state-of-the-art autoclaved and sterilized shipping containers, and highly skilled and experienced drivers deliver them safely and cost-effectively to over 98% of the U.S.A. and most of Canada.

Contact us today:

Phone: 1-800-422-6423 or 1-207-288-5845
 Email: orderquest@jax.org
 Web: www.askfortheJ.org/westcoast

Superior Genetic Quality

Production of JAX® Mice follows strict procedures to ensure genetic consistency with those provided from Bar Harbor:

- Pedigreed breeders from foundation colonies in Bar Harbor are used to maintain colonies in both locations
- Identical genetic quality and integrity standards are in place
- Colonies are maintained using identical SOPs
- Colonies are maintained on the same feed, though water is locally sourced, and
- Our one-of-a-kind Genetic Stability Program ensures consistency and comparability of data

JAX® Breeding Services

The expanded capacity of our breeding services supports Dedicated Supply of JAX® Mice, Diet-induced obese, and other preconditioned models, Custom crosses and Aging projects.

JAX® In Vivo Services

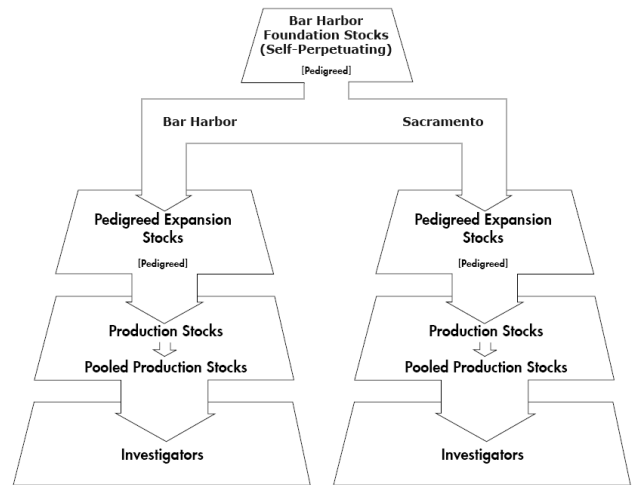
Our JAX® *In Vivo* Services offerings have significantly expanded to include *in vivo* cancer services. Our current capabilities include:

- A state-of-the-art phenotyping laboratory with broad array of high-throughput, cost-effective, and non-invasive test platforms for characterizing models, evaluating key physiological parameters, validating drug targets, and testing drug efficacy,
- An comprehensive selection of xenograft, orthotopic, and endogenous mouse models for multiple human cancer therapeutic areas,
- Flexibility to customize studies and import client-provided animals and cancer cell lines,
- Doctoral-level study directors and experienced technical staff, highly skilled at dosing and testing drug efficacy in over 100 mouse models, and
- Support from The Jackson Laboratory's extensive research staff, which includes more than 200 Ph.D.s, M.D.s and D.V.Ms.

Unrivalled Support

- Order JAX® Mice or contact Technical Support Monday – Friday, 5 AM – 5 PM Pacific (8 AM – 8 PM Eastern)
- Order online, via email, or fax at anytime
- A team of individuals provide regular updates on breeding and *In Vivo* projects
- Doctoral-level *In Vivo* Study Directors available to develop customized protocols for efficacy testing and phenotyping projects

If you have any questions, please contact your regional JAX Representative at: www.jax.org/jaxservices/manager



JAX® In Vivo Services areas of expertise:

Metabolic disorders

Obesity
Type 2 diabetes
Cardiovascular disease
Phenylketonuria
Hyperuracemia
Glycogen storage disease
Dyslipidemia

Inflammation & Autoimmune

Acute anaphylaxis
Asthma
Arthritis
Inflammatory bowel disease
Graft vs. host model
Contact dermatitis
Type 1 diabetes

Pharmacokinetics

Small molecule
Peptide
Antibody

Blood disorders

Sickle cell anemia
Thrombocytopenia
Myelosuppression
Bleeding disorders

Neuromuscular disorders

Duchenne Muscular Dystrophy

Skin Disorders

Alopecia Areata
Depilation/
chemically-induced alopecia

Regenerative medicine

Wound healing
Bone loss

Neurodegenerative diseases

Amyotrophic Lateral Sclerosis
Alzheimer's disease
Ataxia telangiectasia
Parkinson's' disease

Cancer

Xenograft models across
10 therapeutic areas

Women's health

Ovariectomy models
VCD model of menopause

New models for development

Pain/analgesia models
Microsphere blood flow testing
Orthotopic cancer models

Stem Cells

Coming soon!

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