

Resource Summary Report

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University of Colorado Anschutz Medical Campus Genetically Engineered Murine Models Core Facility

RRID:SCR_025491

Type: Tool

Proper Citation

University of Colorado Anschutz Medical Campus Genetically Engineered Murine Models Core Facility (RRID:SCR_025491)

Resource Information

URL: <https://medschool.cuanschutz.edu/immunology-and-microbiology/core-labs/gemm-core>

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Description: Core provides full-service mouse genetic engineering support to researchers. Helps to select model for your research program, design and build any requisite constructs and reagents, and produce live mice. The most popular requests are for CRISPR-based gene edited mice and transgenic mice. Services include creation of engineered alleles for knockouts, conditional knockouts, SNP knockins, tag and marker insertions, deletions of up to 300kb, duplications, and transgenic alleles. These novel mouse models have been made on a wide spectrum of genetic background strains, including but not limited to C57BL/6J, C57BL/6N, NOD, BALB/cJ, FVB/CrI, NSGS, various 129 substrains, collaborative cross strains, and on mice that are already genetically modified. Breeding and genotyping program supports breeding to establish germline transmission and can also create cohorts for investigators. Provides strain cryopreservation, rederivation and rescue services, as well as cryostorage.

Abbreviations: GEMM

Synonyms: , Genetically Engineered Murine Models (GEMM) Core, University of Colorado Anschutz Medical Campus Genetically Engineered Murine Models (GEMM) Core

Resource Type: access service resource, core facility, service resource

Keywords: ABRF, Breeding and genotyping program, mouse genetic engineering support, CRISPR-based gene edited mice, transgenic mice,

Availability: Open

Resource Name: University of Colorado Anschutz Medical Campus Genetically Engineered Murine Models Core Facility

Resource ID: SCR_025491

Alternate IDs: ABRF_2777

Alternate URLs: <https://coremarketplace.org/?FacilityID=2777&citation=1>

Record Creation Time: 20240717T053307+0000

Record Last Update: 20260905T133500+0000

Ratings and Alerts

No rating or validation information has been found for University of Colorado Anschutz Medical Campus Genetically Engineered Murine Models Core Facility.

No alerts have been found for University of Colorado Anschutz Medical Campus Genetically Engineered Murine Models Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Orlov M, et al. (2026) Amoxicillin induces gut dysbiosis leading to long term suppression of type-17 immune tone in the lungs. bioRxiv : the preprint server for biology.