

Resource Summary Report

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Charité Berlin University of Medicine Transgenic Technologies Core Facility

RRID:SCR_027960

Type: Tool

Proper Citation

Charité Berlin University of Medicine Transgenic Technologies Core Facility
(RRID:SCR_027960)

Resource Information

URL: https://experimentelle-medizin.charite.de/en/transgenic_technologies

Proper Citation: Charité Berlin University of Medicine Transgenic Technologies Core Facility (RRID:SCR_027960)

Description: Core provides services supporting generation, modification, cryopreservation, and rederivation of genetically modified rodent models for biomedical research, generates genetically modified mouse models via both targeted and random mutagenesis using tools such as CRISPR/Cas9 in zygotes or embryonic stem (ES) cells, provides cryopreservation and rederivation of existing animal models to preserve hygienic integrity. Services for rodent transgenic model development include: Pronuclear Injection and amp; Viral Transgenesis with introduction of genetic constructs into zygotes using microinjection or lentiviral systems; ES Cell-Based Techniques: use of embryonic stem cell manipulation for genetic targeting; Embryo Transfer: transferring manipulated embryos into recipient females; In Vitro Fertilization (IVF): assisted reproductive technology to generate embryos for manipulation or cryopreservation; Cryopreservation: freezing of embryos and sperm for archiving or rederivation of lines as required. Facility's expertise includes quality control of cryopreserved material to ensure viability upon thawing.

Synonyms: Transgenic Technologies Charité-Universitätsmedizin Berlin

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

Keywords: ABRF, genetically modified rodent models, generate genetically modified mouse models, cryopreservation and rederivation of existing animal models,

Resource Name: Charité Berlin University of Medicine Transgenic Technologies Core Facility

Resource ID: SCR_027960

Alternate IDs: ABRF_5773

Alternate URLs: https://coremarketplace.org/RRID:SCR_027960/?citation=1

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Ratings and Alerts

No rating or validation information has been found for Charité Berlin University of Medicine Transgenic Technologies Core Facility.

No alerts have been found for Charité Berlin University of Medicine Transgenic Technologies Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.