

Resource Summary Report

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CWRU Athymic Animal and Xenograft Core Facility

RRID:SCR_012459

Type: Tool

Proper Citation

CWRU Athymic Animal and Xenograft Core Facility (RRID:SCR_012459)

Resource Information

URL: <http://www.scienceexchange.com/facilities/athymic-animal-and-xenograft-core-facility-cwr>

Proper Citation: CWRU Athymic Animal and Xenograft Core Facility (RRID:SCR_012459)

Description: The Athymic Animal and Xenograft Core Facility provides facilities for breeding and housing of athymic nude mice (NCRnu/nu) and rats, and other immunodeficient mice. The core provides pathogen-free facilities for experimentation using immunodeficient animal hosts and normal human cells and human tumor cell xenografts. Core staff maintain and monitor animals housed in the facility, and provide users with a variety of services, including transportation, health reports, animal handling, and experimental procedures. The staff will also train users in animal handling and experimental procedures. Entry to the animal facilities is controlled by key card access and is limited to employees who are listed on an IACUC-approved protocol, have enrolled in an animal contact Occupational Health program, and have completed access training. Experimental procedures, listed below, are provided either at the Case facility or in the Animal Tumor Core (ATC) at the Cleveland Clinic Taussig Cancer Institute. The Taussig Cancer Institute ATC was established in 2002 to help principal investigators at the Cleveland Clinic and CWRU perform tumor experiments, angiogenesis studies, and pharmacokinetic studies in mice. The ATC conducts syngeneic murine tumor experiments, and human xenograft (athymic nude mouse) tumor experiments. In addition, the ATC has developed several orthotopic human carcinoma models: HT-29 colon, HCT-116 colon, SW480 colon (all metastasize to liver), ACHN renal, A549 lung, multiple prostate, bladder, melanoma and ovarian tumors. ATC services utilize murine models to facilitate in vivo cancer drug screening, drug evaluation, and drug development. The core's goal is to help in evaluation of new pharmacologic agents by providing data on tumor growth, metastasis, angiogenesis, and gene expression. The facility also provides consultation services to assist the investigator in all aspects of animal tumor model development.

Abbreviations: CWRU Athymic Animal and Xenograft Core Facility

Synonyms: Case Western Reserve University Athymic Animal and Xenograft Core Facility, Case Western Athymic Animal and Xenograft Core Facility

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

Funding:

Resource Name: CWRU Athymic Animal and Xenograft Core Facility

Resource ID: SCR_012459

Alternate IDs: SciEx_162

Record Creation Time: 20220129T080310+0000

Record Last Update: 20250407T220001+0000

Ratings and Alerts

No rating or validation information has been found for CWRU Athymic Animal and Xenograft Core Facility.

No alerts have been found for CWRU Athymic Animal and Xenograft Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.