

Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Microbial Culture and Metabolomics Core Facility

RRID:SCR_022417

Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Microbial Culture and Metabolomics Core Facility (RRID:SCR_022417)

Resource Information

URL: <https://www.research.chop.edu/penn-microbial-culture-and-metabolomics-core>

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Description: Provides equipment for aerobic and anaerobic culture of microbial species in both batch and continuous systems, as well as targeted metabolomic services of amino, bile, and short chain fatty acids. Offers training and usage for culture equipment; consultation regarding experimental design, and; anaerobic culture services. Examples of culture studies include isolation of microbial taxa from mammalian samples; interrogation of the physiology of microbial strains under different conditions (e.g., anaerobic/microaerobic/aerobic, differing nutrient limitations) using isolated strains or strains obtained from culture collections (another service offered by the core); co-culturing of defined microbial consortia to investigate microbe-microbe interactions, and; preparation of microbial products (live bacteria, heat-killed bacteria, bacterial supernatants) from single or defined-mixed microbial cultures for use in mammalian cell culture and/or animal model systems.

Synonyms: University of Pennsylvania Perelman School of Medicine Microbial Culture & Metabolomics Core, Microbial Culture & Metabolomics Core

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

Keywords: USEDit, ABRF

Resource Name: University of Pennsylvania Perelman School of Medicine Microbial Culture and Metabolomics Core Facility

Resource ID: SCR_022417

Alternate IDs: ARBF_1381

Alternate URLs: <https://coremarketplace.org?citation=1&FacilityID=1381>

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260905T133426+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Microbial Culture and Metabolomics Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Microbial Culture and Metabolomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.