Resource Summary Report

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Cincinnati Children's Hospital Confocal Imaging Core Facility

RRID:SCR_022628

Type: Tool

Proper Citation

Cincinnati Children's Hospital Confocal Imaging Core Facility (RRID:SCR_022628)

Resource Information

URL: https://www.cincinnatichildrens.org/research/divisions/d/dhc/cores/integrative-morphology/confocal-imaging

Proper Citation: Cincinnati Children's Hospital Confocal Imaging Core Facility (RRID:SCR_022628)

Description: Provides Cincinnati Children s Hospital Medical Center; Cincinnati; Ohio resources in confocal, wide-field, and spatial technique applications.

Synonyms: Confocal Imaging Core, Cincinnati Children's Hospital Confocal Imaging Core

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

Keywords: USEDit, ABRF, confocal imaging, confocal, wide-field, and spatial technique

Funding: NIDDK DK078392

Resource Name: Cincinnati Children's Hospital Confocal Imaging Core Facility

Resource ID: SCR_022628

Alternate IDs: ABRF_1479

Alternate URLs: https://coremarketplace.org/?FacilityID=1479&citation=1

Record Creation Time: 20220803T050137+0000

Record Last Update: 20250517T060512+0000

Ratings and Alerts

No rating or validation information has been found for Cincinnati Children's Hospital Confocal Imaging Core Facility.

No alerts have been found for Cincinnati Children's Hospital Confocal Imaging Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Halurkar MS, et al. (2025) The widely used Ucp1-Cre transgene elicits complex developmental and metabolic phenotypes. Nature communications, 16(1), 770.

Dai Q, et al. (2024) Loss of Notch dimerization perturbs intestinal homeostasis by a mechanism involving HDAC activity. PLoS genetics, 20(12), e1011486.

Shi M, et al. (2024) Integrating collecting systems in kidney organoids through fusion of distal nephron to ureteric bud. bioRxiv: the preprint server for biology.

Waggoner S, et al. (2024) KLF2 determines the susceptibility of T cells to immunoregulatory NK cells. Research square.

Pfaltzgraff NG, et al. (2024) Destabilization of mRNAs enhances competence to initiate meiosis in mouse spermatogenic cells. Development (Cambridge, England), 151(14).

DeVore SB, et al. (2024) Regulation of MYC by CARD14 in human epithelium is a determinant of epidermal homeostasis and disease. Cell reports, 43(8), 114589.

Al Reza H, et al. (2024) Self-Assembled Generation of Multi-zonal Liver Organoids from Human Pluripotent Stem Cells. bioRxiv: the preprint server for biology.

Sheth M, et al. (2024) Three-dimensional matrix stiffness modulates mechanosensitive and phenotypic alterations in oral squamous cell carcinoma spheroids. APL bioengineering, 8(3), 036106.

He H, et al. (2024) PRDM3/16 regulate chromatin accessibility required for NKX2-1 mediated alveolar epithelial differentiation and function. Nature communications, 15(1), 8112.

Carpenter J, et al. (2024) Human Nephrogenesis can Persist Beyond 40 Postnatal Days in Preterm Infants. Kidney international reports, 9(2), 436.

Schrenk S, et al. (2024) Protocol for three-dimensional whole-mount imaging of the vascular network in the intestinal muscle. STAR protocols, 5(3), 103170.

Peters AL, et al. (2024) Defining the T cell transcriptional landscape in pediatric liver transplant rejection at single cell resolution. bioRxiv: the preprint server for biology.

Drake AW, et al. (2024) Somatostatin interneuron fate-mapping and structure in a Pten knockout model of epilepsy. Frontiers in cellular neuroscience, 18, 1474613.

Mikedis MM, et al. (2023) Post-transcriptional repression of mRNA enhances competence to transit from mitosis to meiosis in mouse spermatogenic cells. bioRxiv: the preprint server for biology.

Witcher PC, et al. (2023) Expression of Myomaker and Myomerger in myofibers causes muscle pathology. Skeletal muscle, 13(1), 8.

Reza HA, et al. (2023) Synthetic augmentation of bilirubin metabolism in human pluripotent stem cell-derived liver organoids. Stem cell reports, 18(11), 2071.

Parkins EV, et al. (2023) Age-dependent regulation of dendritic spine density and protein expression in Mir324 KO mice. Research square.

Doll JR, et al. (2023) BAFF and APRIL counterregulate susceptibility to inflammation-induced preterm birth. Cell reports, 42(4), 112352.

Pode-Shakked N, et al. (2023) RAAS-deficient organoids indicate delayed angiogenesis as a possible cause for autosomal recessive renal tubular dysgenesis. Nature communications, 14(1), 8159.

LaSarge CL, et al. (2023) Spatial and Temporal Comparisons of Calcium Channel and Intrinsic Signal Imaging During in Vivo Cortical Spreading Depolarizations in Healthy and Hypoxic Brains. Neurocritical care, 39(3), 655.