Resource Summary Report

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University of Ottawa Cell Biology and Image Acquisition Core Facility

RRID:SCR 021845

Type: Tool

Proper Citation

University of Ottawa Cell Biology and Image Acquisition Core Facility (RRID:SCR_021845)

Resource Information

URL: https://med.uottawa.ca/core-facilities/facilities/cbia

Proper Citation: University of Ottawa Cell Biology and Image Acquisition Core Facility (RRID:SCR 021845)

Description: Core provides advanced microscopes, image analysis tools, and technical support to facilitate your microscopy research. Offers consultations to determine appropriate microscope for your specific needs and proper design of your experimental set up.

Abbreviations: CBIA

Synonyms: University of Ottawa Cell Biology and Image Aquisition (CBIA) Core, Cell Biology and Image Aquisition (CBIA) Core

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

Keywords: USEDit, ABRF, microscope, image analysis

Funding:

Availability: open

Resource Name: University of Ottawa Cell Biology and Image Acquisition Core Facility

Resource ID: SCR 021845

Alternate IDs: ABRF_1251

Alternate URLs: https://coremarketplace.org/?FacilityID=1251

Record Creation Time: 20220129T080357+0000

Record Last Update: 20250505T054755+0000

Ratings and Alerts

No rating or validation information has been found for University of Ottawa Cell Biology and Image Acquisition Core Facility.

No alerts have been found for University of Ottawa Cell Biology and Image Acquisition Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

Esper ME, et al. (2025) Intrinsic Muscle Stem Cell Dysfunction Contributes to Impaired Regeneration in the mdx Mouse. Journal of cachexia, sarcopenia and muscle, 16(1), e13682.

Mottawea W, et al. (2025) Multi-level analysis of gut microbiome extracellular vesicles-host interaction reveals a connection to gut-brain axis signaling. Microbiology spectrum, 13(2), e0136824.

Taha Z, et al. (2024) Complementary dual-virus strategy drives synthetic target and cognate T-cell engager expression for endogenous-antigen agnostic immunotherapy. Nature communications, 15(1), 7267.

Minarrieta L, et al. (2024) Mitochondrial elongation impairs breast cancer metastasis. Science advances, 10(45), eadm8212.

Kanaan MN, et al. (2024) Cystine/glutamate antiporter xCT controls skeletal muscle glutathione redox, bioenergetics and differentiation. Redox biology, 73, 103213.

Dias AP, et al. (2024) SLMAP3 is crucial for organogenesis through mechanisms involving primary cilia formation. Open biology, 14(10), rsob240206.

Cairns G, et al. (2024) PINK1 deficiency alters muscle stem cell fate decision and muscle

regenerative capacity. Stem cell reports, 19(5), 673.

Rehmani T, et al. (2024) SLMAP3 is essential for neurulation through mechanisms involving cytoskeletal elements, ABP, and PCP. Life science alliance, 7(12).

Parmasad JA, et al. (2024) Genetic and pharmacological reduction of CDK14 mitigates synucleinopathy. Cell death & disease, 15(4), 246.

Rasool D, et al. (2024) PHF6-mediated transcriptional control of NSC via Ephrin receptors is impaired in the intellectual disability syndrome BFLS. EMBO reports, 25(3), 1256.

Parmar G, et al. (2024) Accessory subunit NDUFB4 participates in mitochondrial complex I supercomplex formation. The Journal of biological chemistry, 300(2), 105626.

Roussel MP, et al. (2024) Changes in Physiopathological Markers in Myotonic Dystrophy Type 1 Skeletal Muscle: A 3-Year Follow-up Study. Journal of neuromuscular diseases, 11(5), 981.

Vahid-Ansari F, et al. (2024) Chronic Desipramine Reverses Deficits in Cell Activity, Norepinephrine Innervation, and Anxiety-Depression Phenotypes in Fluoxetine-Resistant cF1ko Mice. The Journal of neuroscience: the official journal of the Society for Neuroscience, 44(3).

Rehmani T, et al. (2024) Deletion of Sarcolemmal Membrane-Associated Protein Isoform 3 (SLMAP3) in Cardiac Progenitors Delays Embryonic Growth of Myocardium without Affecting Hippo Pathway. International journal of molecular sciences, 25(5).

Geertsma HM, et al. (2024) A topographical atlas of ?-synuclein dosage and cell type-specific expression in adult mouse brain and peripheral organs. NPJ Parkinson's disease, 10(1), 65.

Bergin CJ, et al. (2024) The dopamine transporter antagonist vanoxerine inhibits G9a and suppresses cancer stem cell functions in colon tumors. Nature cancer, 5(3), 463.

Ozgun A, et al. (2024) Unraveling the assembloid: Real-time monitoring of dopaminergic neurites in an inter-organoid pathway connecting midbrain and striatal regions. Materials today. Bio, 25, 100992.

Vahkal B, et al. (2024) Human milk extracellular vesicles modulate inflammation and cell survival in intestinal and immune cells. Pediatric research.

Triolo M, et al. (2024) Optic atrophy 1 mediates muscle differentiation by promoting a metabolic switch via the supercomplex assembly factor SCAF1. iScience, 27(3), 109164.

Woulfe J, et al. (2024) Inosine monophosphate dehydrogenase intranuclear inclusions are markers of aging and neuronal stress in the human substantia nigra. Neurobiology of aging, 134, 43.