

Resource Summary Report

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Van Andel Institute Optical Imaging Core Facility

RRID:SCR_021968

Type: Tool

Proper Citation

Van Andel Institute Optical Imaging Core Facility (RRID:SCR_021968)

Resource Information

URL: <https://opticalimagingcore.vai.org/>

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Description: Core helps investigators tackle wide range of research questions, from gene expression to cell motility, and is committed to providing training in microscopy best practices. Service requests are placed through CrossLab Solutions.

Synonyms: VAI Optical Imaging Core

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

Keywords: USEdit, ABRF, gene expression, cell motility, training in microscopy, CrossLab Solutions

Resource Name: Van Andel Institute Optical Imaging Core Facility

Resource ID: SCR_021968

Alternate IDs: ABRF_1280

Alternate URLs: <https://coremarketplace.org/?FacilityID=1280>

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260731T043114+0000

Ratings and Alerts

No rating or validation information has been found for Van Andel Institute Optical Imaging Core Facility.

No alerts have been found for Van Andel Institute Optical Imaging Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Norden PR, et al. (2026) Mitochondrial phosphopantetheinylation is required for oxidative metabolism. *Metabolism: clinical and experimental*, 174, 156413.

Dues DJ, et al. (2025) Pathological α -synuclein elicits granulovacuolar degeneration independent of tau. *Translational neurodegeneration*, 14(1), 31.

Ide AD, et al. (2025) Secreted Frizzled-Related Protein 1a regulates hematopoietic development in a dose-dependent manner. *bioRxiv : the preprint server for biology*.

Panzeri I, et al. (2025) TRIM28-dependent developmental heterogeneity determines cancer susceptibility through distinct epigenetic states. *Nature cancer*, 6(2), 385.

Kasen A, et al. (2025) Seed structure and phosphorylation in the fuzzy coat impact tau seeding competency. *Nature communications*, 16(1), 9240.

Kaluba FC, et al. (2025) An alternative route for α -hydroxybutyrate metabolism supports cytosolic acetyl-CoA synthesis in cancer cells. *Nature metabolism*.

Soto-Avellaneda A, et al. (2025) *Helicobacter pylori* infection and α -synuclein pathology drive parallel neurodegenerative pathways in the substantia nigra. *Journal of neuroinflammation*, 22(1), 293.

Ensing J, et al. (2025) The E3 ubiquitin ligase Trip12 semi-selectively attenuates Wnt signaling. *iScience*, 28(10), 113575.

Ide AD, et al. (2025) Secreted Frizzled-Related Protein 1a regulates hematopoietic development in a dose-dependent manner. *Developmental biology*.

Ensing J, et al. (2024) The E3 Ubiquitin Ligase Trip12 attenuates Wnt9a/Fzd9b signaling during hematopoietic stem cell development. *bioRxiv : the preprint server for biology*.

Goralski TM, et al. (2024) Spatial transcriptomics reveals molecular dysfunction associated with cortical Lewy pathology. *Nature communications*, 15(1), 2642.

Longo J, et al. (2024) Glucose-dependent glycosphingolipid biosynthesis fuels CD8⁺ T cell function and tumor control. *bioRxiv : the preprint server for biology*.

Vatsa N, et al. (2024) Network analysis of α -synuclein pathology progression reveals p21-activated kinases as regulators of vulnerability. *bioRxiv : the preprint server for biology*.

Chomiak AA, et al. (2024) Select EZH2 inhibitors enhance viral mimicry effects of DNMT inhibition through a mechanism involving NFAT:AP-1 signaling. *Science advances*, 10(13), eadk4423.

Scott ZC, et al. (2024) The endoplasmic reticulum as an active liquid network. *Proceedings of the National Academy of Sciences of the United States of America*, 121(42), e2409755121.

Booms A, et al. (2024) Parkinson's disease risk enhancers in microglia. *iScience*, 27(2), 108921.

Norden PR, et al. (2024) Mitochondrial Phosphopantetheinylation is Required for Oxidative Function. *bioRxiv : the preprint server for biology*.

Nguyen N, et al. (2024) EGFR-dependent endocytosis of Wnt9a and Fzd9b promotes β -catenin signaling during hematopoietic stem cell development in zebrafish. *Science signaling*, 17(832), eadf4299.

Scott ZC, et al. (2023) Endoplasmic reticulum network heterogeneity guides diffusive transport and kinetics. *Biophysical journal*, 122(15), 3191.

Goralski T, et al. (2023) Spatial transcriptomics reveals molecular dysfunction associated with Lewy pathology. *bioRxiv : the preprint server for biology*.