

Resource Summary Report

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VANTAGE

RRID:SCR_010155

Type: Tool

Proper Citation

VANTAGE (RRID:SCR_010155)

Resource Information

URL: <http://eagle-i.ea.vanderbilt.edu/i/0000013d-037f-b425-afc0-9aeb80000000>

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Description: VANTAGE (Vanderbilt Technologies for Advanced Genomics) is a genomics core laboratory consolidation initiated by an \$8.6 million ARRA funded NIH grant award to Vanderbilt University Medical Center, with an overall goal of creating a new collaborative shared resource that accelerates discovery in genome sciences and personalized medicine, providing state-of-the art research shared resource facilities and technology.

Synonyms: Vanderbilt Technologies for Advanced Genomics

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

Resource Name: VANTAGE

Resource ID: SCR_010155

Alternate IDs: nlx_156634

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260912T200329+0000

Ratings and Alerts

No rating or validation information has been found for VANTAGE.

No alerts have been found for VANTAGE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Generali D, et al. (2026) A mixed prebiotic/probiotic intervention (MBR-01) for the management of diarrhea during abemaciclib treatment of early breast cancer in postmenopausal patients: A single-center prospective case-control pilot study. *Breast (Edinburgh, Scotland)*, 88, 104830.

van Aarle DAC, et al. (2026) Histology-based Microstructural Tissue Phantoms for Realistic Ultrasound Simulation. *Ultrasonic imaging*, 48(4), 261.

Hanson J, et al. (2026) Quantitative Multifrequency Ultrasound Imaging Using Narrowband Pulsing for Tissue Characterization. *Investigative radiology*, 61(9), 636.

Lei P, et al. (2026) Modulating Lattice Oxygen and Transport Kinetics of Li-Rich Cathodes in All-Solid-State Batteries Through Multifunctional Li₃ScF₆ Protective Layer. *Nano-micro letters*, 18(1).

Youssef M, et al. (2025) Molecular Analysis of Cerebrospinal Fluid Tumor-Derived DNA to Aid in the Diagnosis and Targeted Treatment of Breast Cancer Brain Metastasis. *Diseases (Basel, Switzerland)*, 13(10).

Morato NM, et al. (2025) Accelerating countermeasure candidate discovery for A-series chemical warfare agent exposure. *Proceedings of the National Academy of Sciences of the United States of America*, 122(29), e2512471122.

Page-McCaw PS, et al. (2025) Collagen IV of basement membranes: I. Origin and diversification of COL4 genes enabling metazoan multicellularity, evolution, and adaptation. *The Journal of biological chemistry*, 301(5), 108496.

Parent AA, et al. (2024) Performance Evaluation of a New Sport Watch in Sleep Tracking: A Comparison against Overnight Polysomnography in Young Adults. *Sensors (Basel, Switzerland)*, 24(7).

Vincely VD, et al. (2024) Bornite (Cu₅FeS₄) nanocrystals as an ultrasmall biocompatible NIR-II contrast agent for photoacoustic imaging. *Photoacoustics*, 40, 100649.

Chowdhury NU, et al. (2024) Androgen signaling restricts glutaminolysis to drive sex-specific Th17 metabolism in allergic airway inflammation. *The Journal of clinical investigation*, 134(23).

Gruber JV, et al. (2024) A Mixture of Water-Soluble Polysaccharides Reduces Caspase-1 and IL-1 β Inflammatory Responses by *Cutibacterium acnes* in vitro in Reconstructed Human Epidermis (RHE). *Clinical, cosmetic and investigational dermatology*, 17, 2627.

Chen H, et al. (2024) Multiparametric Brain Hemodynamics Imaging Using a Combined Ultrafast Ultrasound and Photoacoustic System. *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*, 11(31), e2401467.

Hunt EG, et al. (2024) Acetyl-CoA carboxylase obstructs CD8+ T cell lipid utilization in the tumor microenvironment. *Cell metabolism*.

Ling B, et al. (2023) Truly tiny acoustic biomolecules for ultrasound imaging and therapy. *bioRxiv : the preprint server for biology*.

St Pierre M, et al. (2023) Unbiased Quantitative Single-Cell Morphometric Analysis to Identify Microglia Reactivity in Developmental Brain Injury. *Life (Basel, Switzerland)*, 13(4).

Nugent M, et al. (2023) Sexual Dimorphism in the Closure of the Hippocampal Postnatal Critical Period of Synaptic Plasticity after Intrauterine Growth Restriction: Link to Oligodendrocyte and Glial Dysregulation. *Developmental neuroscience*, 45(5), 234.

Chen H, et al. (2023) Dissecting Multiparametric Cerebral Hemodynamics using Integrated Ultrafast Ultrasound and Multispectral Photoacoustic Imaging. *bioRxiv : the preprint server for biology*.

Batalov RE, et al. (2023) Isolated Atrial Fibrillation, Inflammation and Efficacy of Radiofrequency Ablation: Preliminary Insights Based on a Single-Center Endomyocardial Biopsy Study. *Journal of clinical medicine*, 12(4).

Zec K, et al. (2023) Macrophages in the synovial lining niche initiate neutrophil recruitment and articular inflammation. *The Journal of experimental medicine*, 220(8).

Gao J, et al. (2022) The HOPS tethering complex is required to maintain signaling endosome identity and TORC1 activity. *The Journal of cell biology*, 221(5).