

Resource Summary Report

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Louisiana State University Health Sciences Shreveport INLET High Throughput Screening Core Facility

RRID:SCR_024990

Type: Tool

Proper Citation

Louisiana State University Health Sciences Shreveport INLET High Throughput Screening Core Facility (RRID:SCR_024990)

Resource Information

URL: <https://research.lsuhs.edu/cores/research-core-facilities/high-throughput-screening-inlet>

Proper Citation: Louisiana State University Health Sciences Shreveport INLET High Throughput Screening Core Facility (RRID:SCR_024990)

Description: Facility focused on discovery and development of drugs and genetic targets that affect human diseases including cancer, fungal, bacterial and viral infection, neurological disorders and cardiovascular disorders. Both live and fixed high throughput microscopy is performed using Incucyte S3, Incucyte SX5 and Cellomics ArrayScan VTI HCS Reader. Provides expertise and protocol design for variety of assays including: Cell proliferation, Cell viability, Phagocytosis, Chemotaxis, Cell migration/invasion, 3D spheroid growth. INLET Core provides cutting edge, multiplexed functional imaging platforms to perform multi-well high-throughput live-cell imaging and analysis assays., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Synonyms: High Throughput Screening - INLET, Innovative North Louisiana Experimental Therapeutics program (INLET)

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

Keywords: ABRF, Cell proliferation, Cell viability, Phagocytosis, Chemotaxis, Cell migration/invasion, 3D spheroid growth, INLET Core, multiplexed functional imaging platforms, multi-well high-throughput live-cell imaging, analysis assays,

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Louisiana State University Health Sciences Shreveport INLET High Throughput Screening Core Facility

Resource ID: SCR_024990

Alternate IDs: ABRF_2623

Alternate URLs: <https://coremarketplace.org/?FacilityID=2623&citation=1>

Record Creation Time: 20240203T050217+0000

Record Last Update: 20260829T183350+0000

Ratings and Alerts

No rating or validation information has been found for Louisiana State University Health Sciences Shreveport INLET High Throughput Screening Core Facility.

No alerts have been found for Louisiana State University Health Sciences Shreveport INLET High Throughput Screening Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Circu M, et al. (2026) The Legionella pneumophila type IVb secretion system effector BinA subverts amino acid transport to sensitize TORC1 signaling in macrophages. PLoS pathogens, 22(6), e1012998.

Dhungel N, et al. (2026) Direct interaction between cancer cells and fibroblasts promotes early chemoresistance to standard-of-care drug therapy in small cell lung cancer (SCLC). bioRxiv : the preprint server for biology.

Li L, et al. (2025) Androgen Deprivation-Induced TET2 Activation Fuels Prostate Cancer Progression via Epigenetic Priming and Slow-Cycling Cancer Cells. bioRxiv : the preprint server for biology.