

# 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:** core facility, access service resource, 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:** 20260811T043746+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## 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.