# Resource Summary Report

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## JSU Cellomics and Toxicogenomics Research Core Laboratory

RRID:SCR_009889
Type: Tool

### Proper Citation

JSU Cellomics and Toxicogenomics Research Core Laboratory (RRID:SCR_009889)

### Resource Information

**URL:** http://jsu.eagle-i.net/i/0000012a-2505-aadb-b307-36d480000000

**Proper Citation:** JSU Cellomics and Toxicogenomics Research Core Laboratory (RRID:SCR_009889)

**Description:** Core facility that provides the following services: Flow cytometry and microarray training service. The Cellomics and Toxicogenomics Research Laboratory (CTRL) has been established to provide RCMI investigators and other JSU faculty and students with state-of-the art instrumentation that would allow them to perform laser-based flow cytometric analysis and cell sorting, as well as microarray analysis of gene expression in connection to human diseases. Hence, the application of flow cytometry and modern genomic DNA microarray-based technology is providing an excellent opportunity to CTRL users to examine alterations in gene expression patterns associated with environmental exposure, as well as to study the molecular mechanisms and biochemical effects associated with cellular responses to toxic exposures.(http://www.jsums.edu/cset/rcmi/ctrl.htm)

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

**Keywords:** flow cytometry assay, nucleic acid microarray assay

**Funding:**

**Resource Name:** JSU Cellomics and Toxicogenomics Research Core Laboratory

**Resource ID:** SCR_009889

**Alternate IDs:** nlx_156357

**Record Creation Time:** 20220129T080255+0000

**Record Last Update:** 20250412T055437+0000

## Ratings and Alerts

No rating or validation information has been found for JSU Cellomics and Toxicogenomics Research Core Laboratory.

No alerts have been found for JSU Cellomics and Toxicogenomics Research Core Laboratory.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Wang H, et al. (2015) MicroRNA-181c targets Bcl-2 and regulates mitochondrial morphology in myocardial cells. Journal of cellular and molecular medicine, 19(9), 2084.