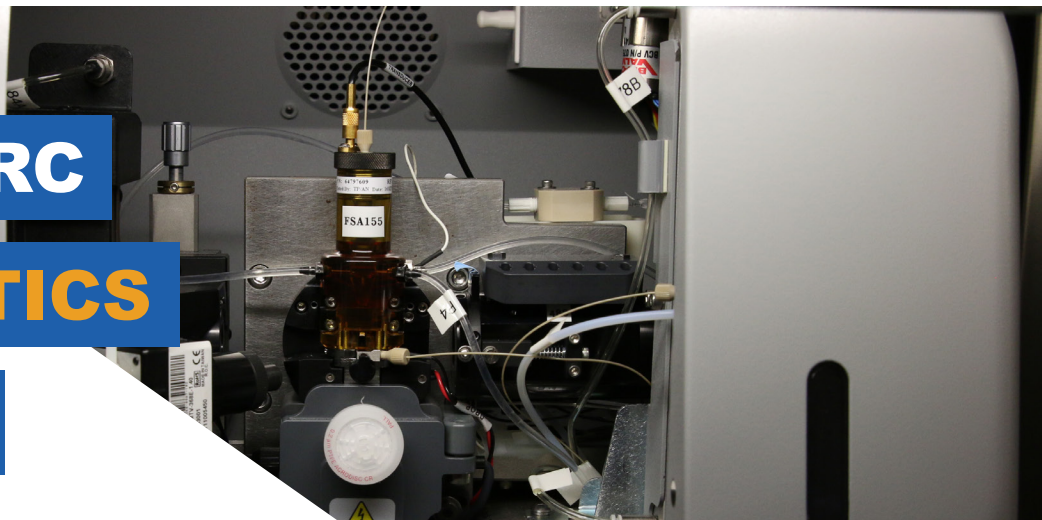


# CUNY ASRC

# EPIGENETICS

# FACILITY



## About

The Epigenetics core facility is equipped with an array of state-of-the-art epigenetics research resources and services, including: quantitative gene expression analysis, *in situ* hybridization with spatial resolution, protein-nucleic acid association (ChIP) analysis, flow cytometry, single cell transcriptomics, and next generation sequencing. Our comprehensive resources and instrumentation offers users the advantage of start-to-finish sample analysis with minimal stopping points and supreme data quality. **For a full list of instrumentation and to learn more about the Epigenetics facility, visit <https://bit.ly/3u8xMYP>**

We welcome users from CUNY, non-CUNY academic and research institutions, and start-up and established companies.

## Contact

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Facility director

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## Location

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THE GRADUATE CENTER  
CITY UNIVERSITY OF NEW YORK



## Top Services/Instrumentation

**Flow Cytometry** - AriaFusion cell sorter with bioprotection

**Next Generation Sequencing** - RNA-seq, ChIP-seq library preparation and Illumina sequencing

**RNAscope** - Visualize, localize, and quantify RNA molecular expression

**Single Cell Genomics** - Single cell transcriptomics and multiomics with 10X Chromium, Fluidigm C1 and Biomark HD

**Site-Specific DNA Methylation Analysis** - Mass spectrometry-based targeted DNA methylation analysis (EpiTYPER)

## About the CUNY ASRC

The [Advanced Science Research Center](#) at the CUNY Graduate Center (CUNY ASRC) is a world-leading center of scientific excellence that elevates STEM inquiry and education at CUNY and beyond. The CUNY ASRC's research initiatives span five distinctive, but broadly interconnected disciplines: nanoscience, photonics, neuroscience, structural biology, and environmental sciences. The center promotes a collaborative, interdisciplinary research culture where renowned and emerging scientists advance their discoveries using state-of-the-art equipment and cutting-edge core facilities.

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