

Hands-on workshop on Epigenetic Profiling



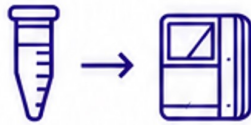
July 13 - 17, 2026

Cut&Tag for histone marks. | ATAC-Seq for open chromatin.



Sample preparation

High-quality samples are the foundation of great data.



Sample to Sequencing-ready library

End-to-end workflows for reliable, reproducible libraries.



Quality control Training

Learn QC at every step to ensure confidence in your results.



FULLY FUNDED WORKSHOP ALL EXPENSES COVERED!



All Reagents Covered



Accommodation Covered



All Meals Covered



25 Participants



TAKE-HOME RESOURCE PACKAGE

- Standard-operating protocols
- Complete Reagent Lists
- Troubleshooting guide
- Analysis templates



WHAT YOU WILL LEARN



Perform sample preparation workflows for cell lines, animal or plant tissues.



Execute QC checkpoints using fluorometric quantification and fragment analysis (TapeStation), interpret QC metrics and troubleshoot failures.



Prepare at least one complete set of sequencing-ready libraries, including QC and pooling logic.



Gain hands-on expertise in Cut&Tag for histone marks and ATAC-Seq for open chromatin.



Confidence to conduct and troubleshoot NGS workflows in your lab.



FOLLOW-UP ONLINE MODULE 2 DAYS (WEEKEND) ~ 1 MONTH LATER

Data QC, Mapping & Basic Analysis on Galaxy

- ✓ FASTQ QC, trimming, read statistics
- ✓ Mapping/alignment & duplicate removal
- ✓ RNA-seq: gene-level counts & differential expression basics
- ✓ ATAC-seq: mapping QC, fragment size distribution, peak calling & visualization
- ✓ Deliverable: standardized QC + mapping report (template provided)



SCAN TO REGISTER

Limited seats | First come, first served

Target Participants:

PhD students / Postdocs /
Technical staff /
Early Career Researchers



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HOST



SHIV NADAR
INSTITUTION OF EMINENCE DEEMED TO BE
UNIVERSITY
DELHI NCR

More Info: <https://snioconference.github.io/>

Deadline: 25 May 2026



VENUE

Center of Excellence in Epigenetics (CoEE),
Shiv Nadar Institution of Eminence, Delhi-NCR



COORDINATORS

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