

The Translational Virology (TV) Core facilitates the acquisition, processing and cryostorage of diverse specimens. The Core also offers a variety of established and new basic and clinical virology assays and analysis tools that are essential for clinical, translational, and basic science research for investigators.



We can help!

Need assistance with collecting, processing, shipping, and cryostorage of clinical specimens? What about basic science assays? We serve clinical, translational, and basic science investigators on research topics of all kinds. From assay design, to implementation, to QA/QC, we've got you covered.

Contact us today!



Training in:

- PCR methods
- Cell culture
- Population-based, clonal, and single-genome sequencing
- Clinical specimen processing
- Sequence analysis
- Laboratory training

Translational Virology Core services include:

- Nucleic acid preparation
- Biomarkers
- Clinical specimen collection, processing, shipping, and cryostorage
- Viral detection, quantification, and culture
- Bulk viral sequencing
- Ultra-deep viral sequencing
- HIV genotypic and phenotypic characterization
- Integration site sequencing
- Sequence analysis and data visualization
- Expertise in processing of tissue and body fluids
- Quality control: NanoDrop, Qubit, TapeStation
- Training and mentoring the new generation of HIV researchers

