



**Laboratory Facilities
Information Sheet**

To gain access to NYSCF's stem cell laboratory and facilities, please contact the Laboratory Manager at lab@nyscf.org. You will need to complete an application form and, if approved, a User Agreement and Confidentiality Agreement.

NYSCF provides basic supplies for standard stem cell culture. A list of supplies can be provided on approval. Researchers are responsible for project-specific supplies.

The NYSCF Cell Line Bank contains human embryonic and induced pluripotent cell lines. Please visit www.lab.nyscf.org for a complete list of lines currently available.

NYSCF holds periodic Training Workshops on human stem cell derivation and characterization. Please visit www.lab.nyscf.org or email lab@nyscf.org for more information.

NYSCF research staff can offer technical advice on project planning, assay development, stem cell culture and characterization.

Facilities available at the NYSCF laboratory

- BD FACS Aria II cell sorter and analyzer with a 5-laser system: 355nm, 405nm, 488nm, 532nm and 640nm (up to 20 parameters) with capacity for simultaneous sorting of multiple populations and single cell disposition
- Zeiss LSM5 Pascal confocal microscope with Argon 458,488, 514nm and HeNe 543, 633nm lasers
- High-throughput screening: Cellomics Arrayscan and Agilent Bravo liquid handler configured with 2 and 4-plate stacker in a sterile tissue culture cabinet. Biotek EL406 plate washer with plate stacker. Eppendorf EpMotion 5075 liquid handler with vacuum block assembly for 96-well RNA extraction
- Screening libraries

Please note use of some facilities and services are subject to charge

Please contact visit www.lab.nyscf.org or email lab@nyscf.org for more information