Single cell profiling assays using the 10x Genomics platform require prior consultation and coordination with the core.

To submit a Single Cell Profiling request:

- Login to your Agilent CrossLab account and select the Epigenomics core facility https://wcmc.corefacilities.org/service_center/show_external/2922.
- Initiate a request for Service 1. NextGen Library Preparation and Sequencing; select Single Cell Profiling, fill in the questionnaire and submit the request.
- Make a note of the Agilent CrossLab ID.
- Select the "Scheduling" tab on the top left. A new window will open.
- Click the "View Schedule" option on the right-hand side (Make sure you select the schedule labeled "10x Chromium Single Cell Scheduling")

We are accepting samples Mon and Wed from 11am to 3:30PM, make a reservation at least ONE week in advance, and the core will edit it if necessary.

- Click and drag in order to select the day and time frame that you would like to drop off your samples, which will initiate a pop-up window.
- On the pop-up window, under General, find the Event Notes tab.
- In the Event Notes tab, please enter your Agilent CrossLab service ID, single cell profiling category (3', 5' or ATAC), and total sample numbers.
- Disregard the rest of the tabs and scroll down to Save Reservation.

Single Cell Drop off:

- At the scheduled day and time bring the samples to the Epicore: 1300 York Ave A-430 (please note change of drop off location).
- Give us a call at 212-746-7719 to let us know you are bringing the samples, if you are late calls us as well.
- Bring cells on ice at ~800 cells/ul, ~50,000 cells (ie ~60uls).
- If you have fewer cells, re-suspend in less volume.
- Transfer your tubes to the ice bucket provided in A-430, on the bench close to the sink.
- Please keep your social distance while we QC your sample. Only ONE person can come to the drop-off the sample.
- We will quantitate the cells using the Invitrogen Cell Countess before proceeding, and reserve the right to reject cells if they are below standards.
- If your cells are heterogeneous or otherwise difficult to count, please QC in your lab and bring them ready for processing.