Research Theme: Computational Biology
MSc Research Project Title: Machine Learning of Chromatin Interactions and Transcription in Cancer
Principal Investigator/Supervisor: Melissa Fullwood
Co-supervisor/ Collaborator(s) (if any):
Project Description **a) Background:** Machine learning has been used for a variety of biological questions. Here, we wish to apply machine learning to epigenomics. **b) Proposed work:** In this project, you will apply machine learning methods to predict chromatin interactions and gene transcription in cancer cells. **c) Preferred skills:** Machine Learning; Familiarity with a UNIX environment; Python; R
Supervisor contact: **If you have questions regarding this project, please email the Principal Investigator:** Melissa Fullwood mfullwood@ntu.edu.sg
SBS contact and how to apply: Associate Chair-Biological Sciences (Graduate Studies) : AC-SBS-GS@ntu.edu.sg Please apply at the following: **Application portal:** https://venus.wis.ntu.edu.sg/GOAL/OnlineApplicationModule/frmOnlineApplication.ASPX