

## Research Talk:

- Establishing a single-cell eQTL dataset of lung tissues from Asian women never-smokers to elucidate cell-type specific genetic regulation

## Meeting Details

**Date:** 24-05-08

**Time:** 11:00-12:00

**Location:** Hybrid: Rm 1E032/34/ and via Teams

**Presenter:** Dr. Thong Luong

## Abstract:

Single-cell eQTL (sc-eQTL) has enabled researchers to link variants to gene(s) in a cell-type specific manner, furthering our understanding of the etiology of complex traits such as cancer. However, current sc-eQTL resources are either from blood or cell culture or are lacking ancestral diversity. To alleviate these issues, we are building a sc-eQTL dataset of normal lung tissue from Asian population, while addressing common challenges such as cost and isolation of relevant cell types.

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