

TOPICAL Seminar

Date: 20 January
Time: 13.00-14.00
Venue: 1871-120



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Group Leader

Human cell fate engineering guided by single-cell transcriptomics

Human neurons generated through transcription factor (TF) overexpression have transformed the way we study neurodevelopment and model neurological diseases, opening new avenues for therapeutic discovery. Despite this progress, the full range of neuronal subtypes that can be programmed in vitro remains largely uncharted. This seminar focus on the diversity of neurons derived from human pluripotent stem cells by combining TF-driven reprogramming with systematic modulation of developmental signaling pathways.