Single cell. Big picture.

Analyze and visualize cytometry data sets

[貝克曼庫爾特專題演講]
From Data to Insights: Management and Analysis in the Cytobank Platform

時間：6/14(Wed) 10:30-11:30
地點：水湳校區卓越大樓605教室
     (Shuinan Campus Excellence Building Room 605)
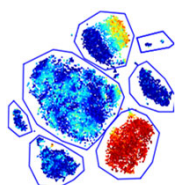Speaker :
Chung, Lily (Hae Eun),
Flow Cytometry Specialist,
TASK region
Beckman Coulter Life Sciences

報名網址: https://reurl.cc/QXp30p

Cytobank
SINGLE CELL.
BIG PICTURE.

Abstract:
With the advancement of technology in the cytometry field, we are now able to measure more and more parameters simultaneously on a single cell level. The dimensionality of datasets has increased from traditional 4-5 colors to 10-20 colors or even more with many of the advanced instruments on the market. The sample size is also getting increasingly larger in terms of the number of events and number of samples collected. To handle data with high complexity, many machine learning algorithmic tools are developed for dimensionality reduction and clustering.

In this seminar, we will present Cytobank, a cloud-based cytometry data analysis platform that enables biologists to perform machine learning algorithms without programming. You will explore the power of those algorithms to make discovering the next generation of biomarkers and rare cell populations easier than ever.

After this session, you will get an overview of capabilities of the Cytobank platform and learn how to get started quickly with analyzing your own data.