



MGI Seminar

The latest advancements in applying DNBSEQ technologies to single-cell and spatial biology- C4 and STOmics

Single-cell and spatial biology

Date: Monday, 18 March 2024

Time: 14:00-15:00 [JST]

Lecturer: Mr. Hsu, ChungChen (Field Application Support, MGI Tech Japan)

Language : English

Venue : Hybrid meeting

Conference Room (B1F, Faculty of Medicine Bldg. B), Kyoto University / Zoom Online

* On-site participation will be closed when capacity is reached.

* Highspeed LAN/WiFi environment advised for stability

Registration:

<https://forms.gle/tnPanuB1wBxEqBdp9>

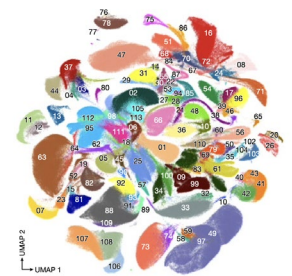
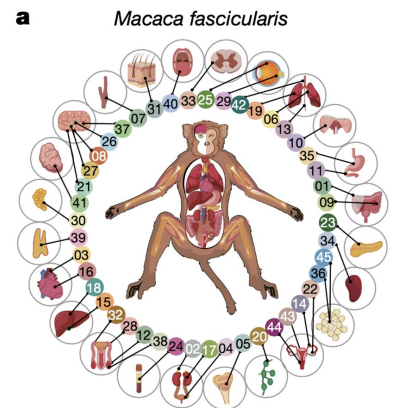
* Registration required

* Registration Deadline: Wednesday, 13 March 2024



*In the post-Human Genome Project era, researchers have shifted their focus towards the cell as the fundamental unit of life. This seminar highlights the latest advancements in the application of DNBSEQ technologies, specifically the single-cell analysis tools, C4, and STOmics for spatial transcriptome. Featured projects include the creation of the first Cell Transcriptomic Atlas of the non-human primate, *Macaca fascicularis*, and the Single-Cell Spatial Transcriptome of the macaque cortex.*

Explore how C4 and STOmics technologies are revolutionizing our understanding of cellular intricacies, facilitating the development of comprehensive single-cell transcriptomic atlases. Witness the power of these technologies in unveiling the spatial heterogeneity of the macaque cortex, shedding light on the molecular architecture governing neurobiological processes. Join us for a concise exploration into single-cell and spatial biology, where C4 and STOmics uncover mysteries within cell genomes and spatial arrangements, providing deeper insights into spatial biology and disease mechanisms.



SignAC
Single-Cell
Genome Information
Analysis Core



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