

個々の細胞の糖鎖とRNAを同時解析

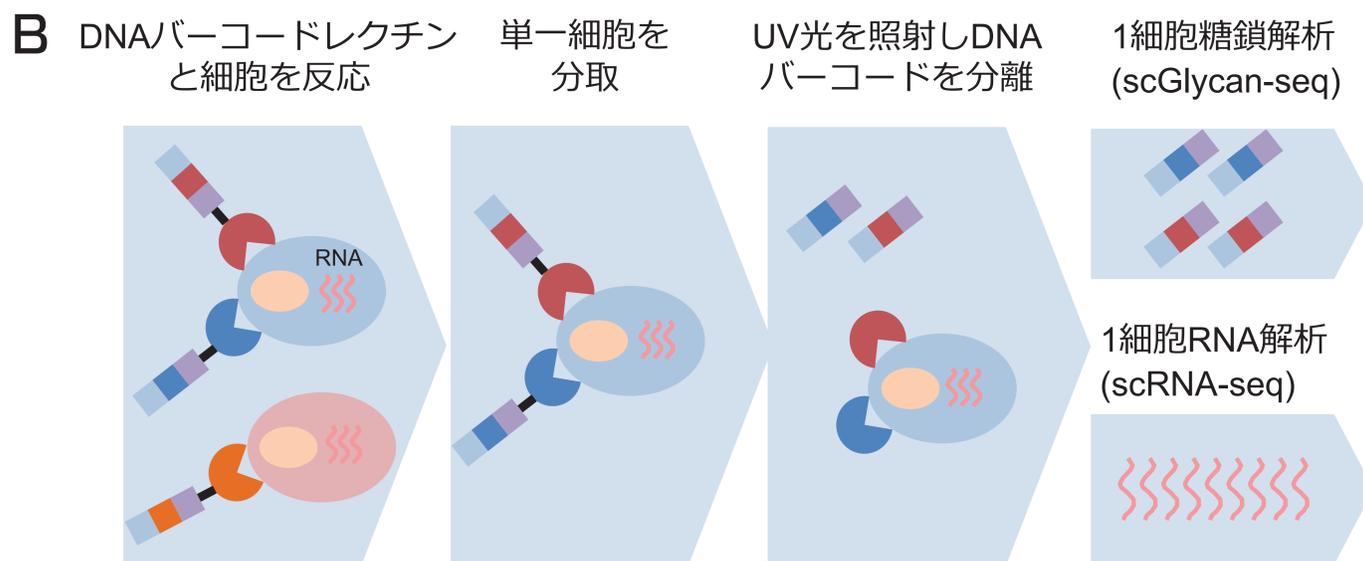
Simultaneous analysis of glycan and RNA in single cells

希少細胞の糖鎖マーカー探索ができる!

It is possible to search glycomarkers on rare cells

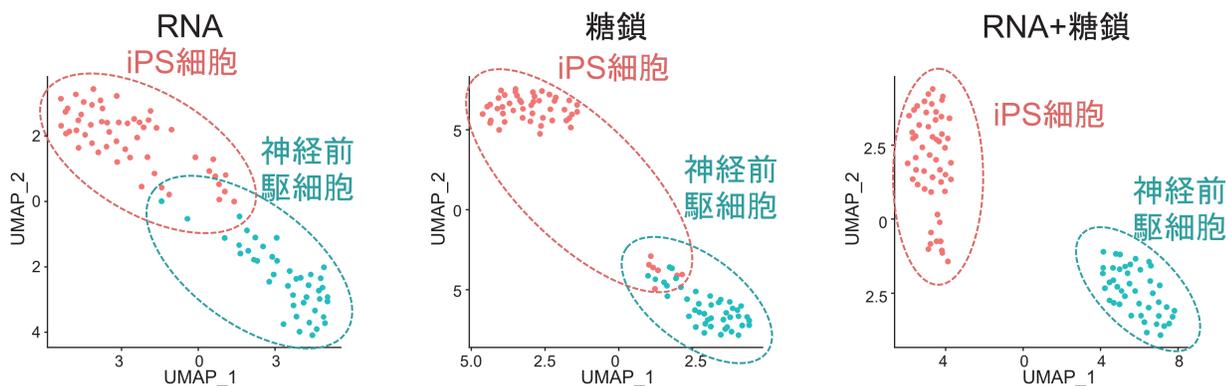


- ▶ 個々の細胞の糖鎖とRNAを同時解析可能
It is possible to jointly analyze glycan and RNA in single cells
- ▶ 全ての生物由来の組織や細胞の解析が可能
It is possible to analyze tissues and cells from any organisms
- ▶ 希少細胞の創薬標的の探索が可能
It is possible to apply for drug discovery of rare cells



DNA-バーコードレクチン(A)と1細胞糖鎖RNA同時解析技術(scGR-seq)(B)の模式図

Schematic illustration of a DNA-barcoded lectin(A) and single cell glycan/RNA sequencing (scGR-seq) (B)



糖鎖とRNA情報に基づいたiPS細胞とiPS細胞由来神経前駆細胞の分類

Clustering iPS cells and iPS-derived neural progenitor cells by glycan and RNA profiles

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