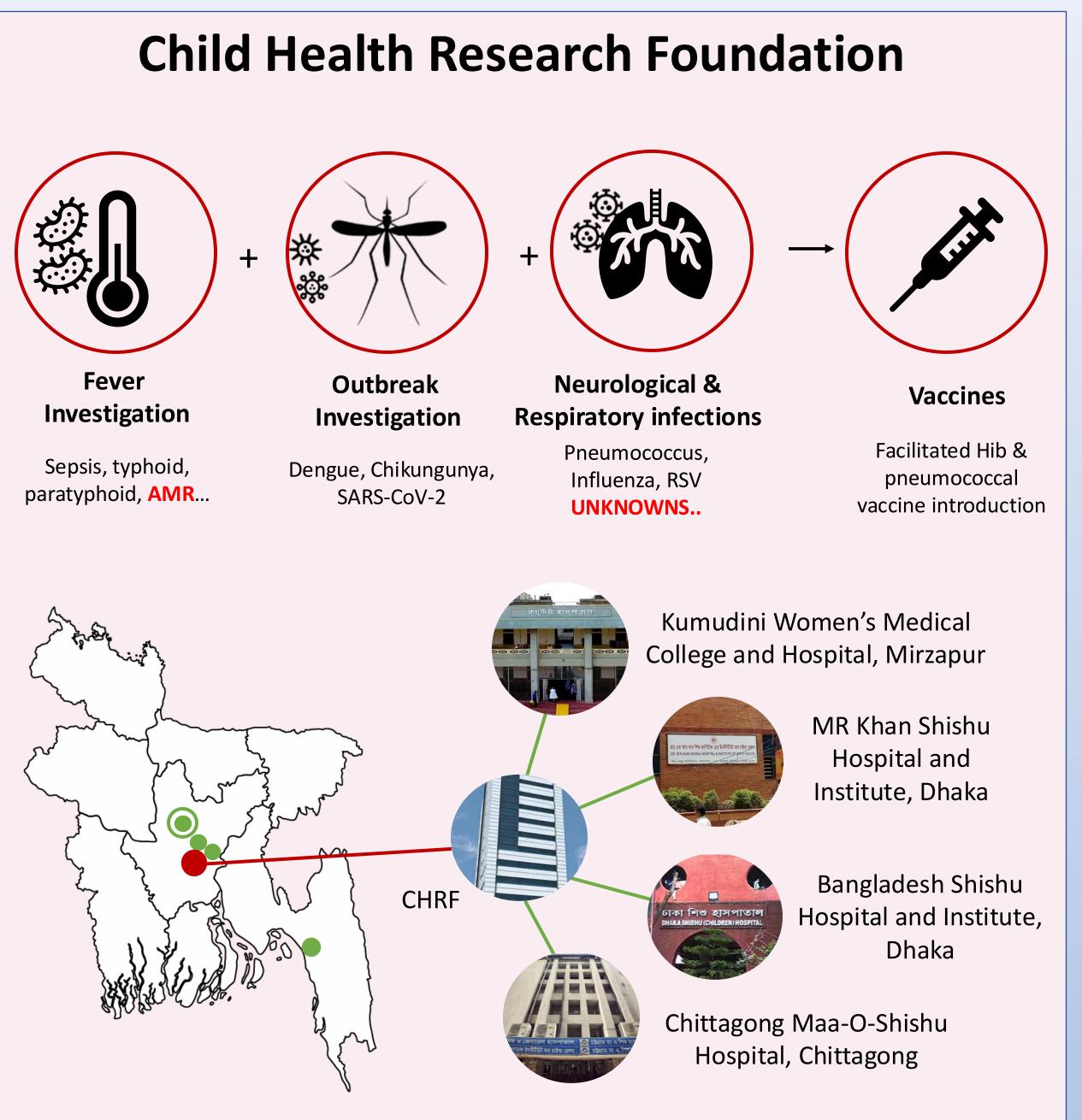
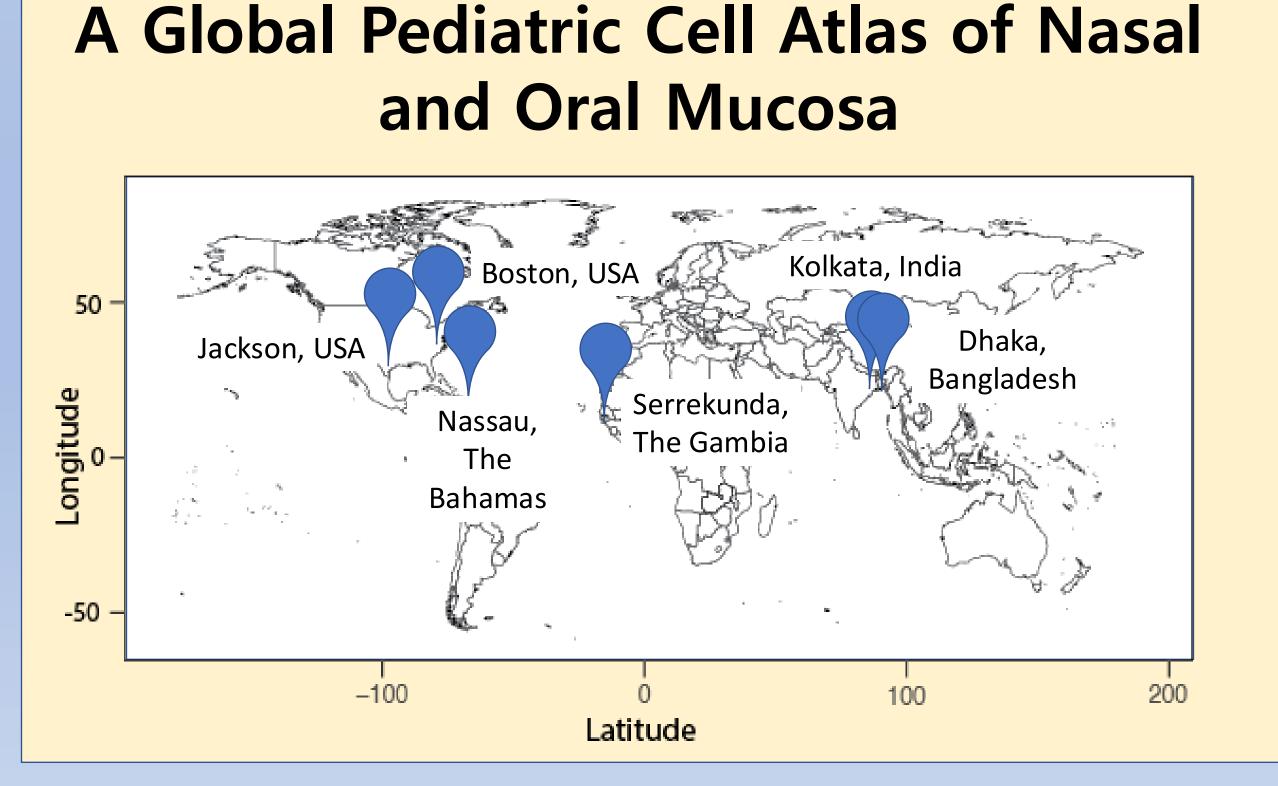
## Building a Single-cell Atlas of the Nasopharyngeal Mucosa to Investigate SARS-CoV-2 Infection

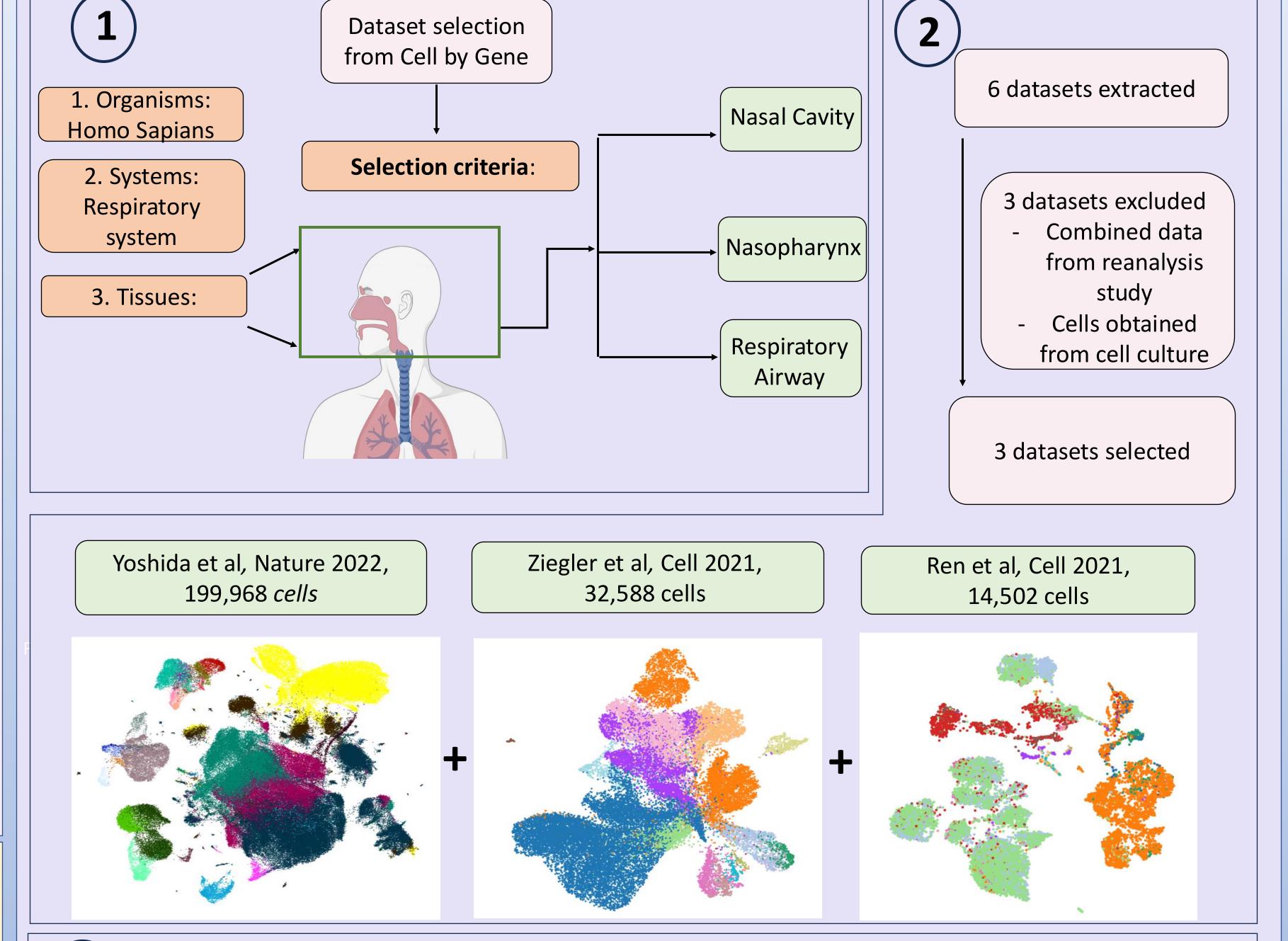
Preonath Chondrow Dev, Apurba Rajib Malaker, Deb Purna Keya, Yogesh Hooda, Senjuti Saha

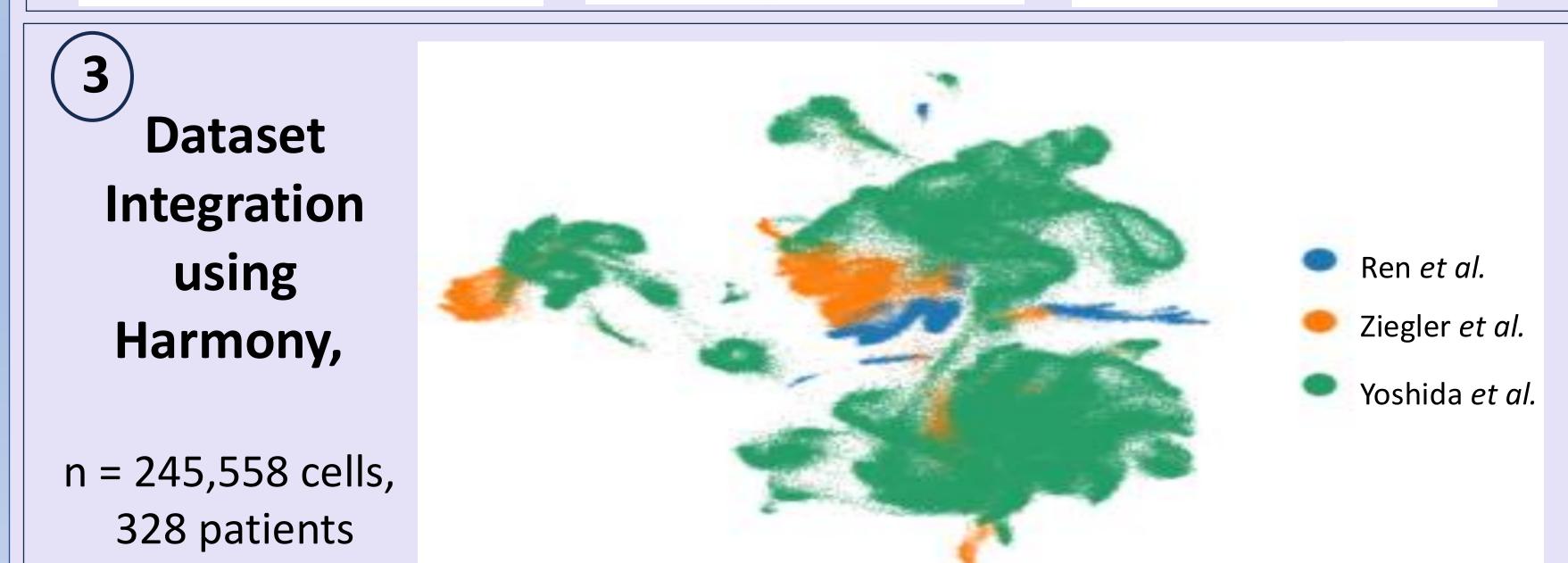


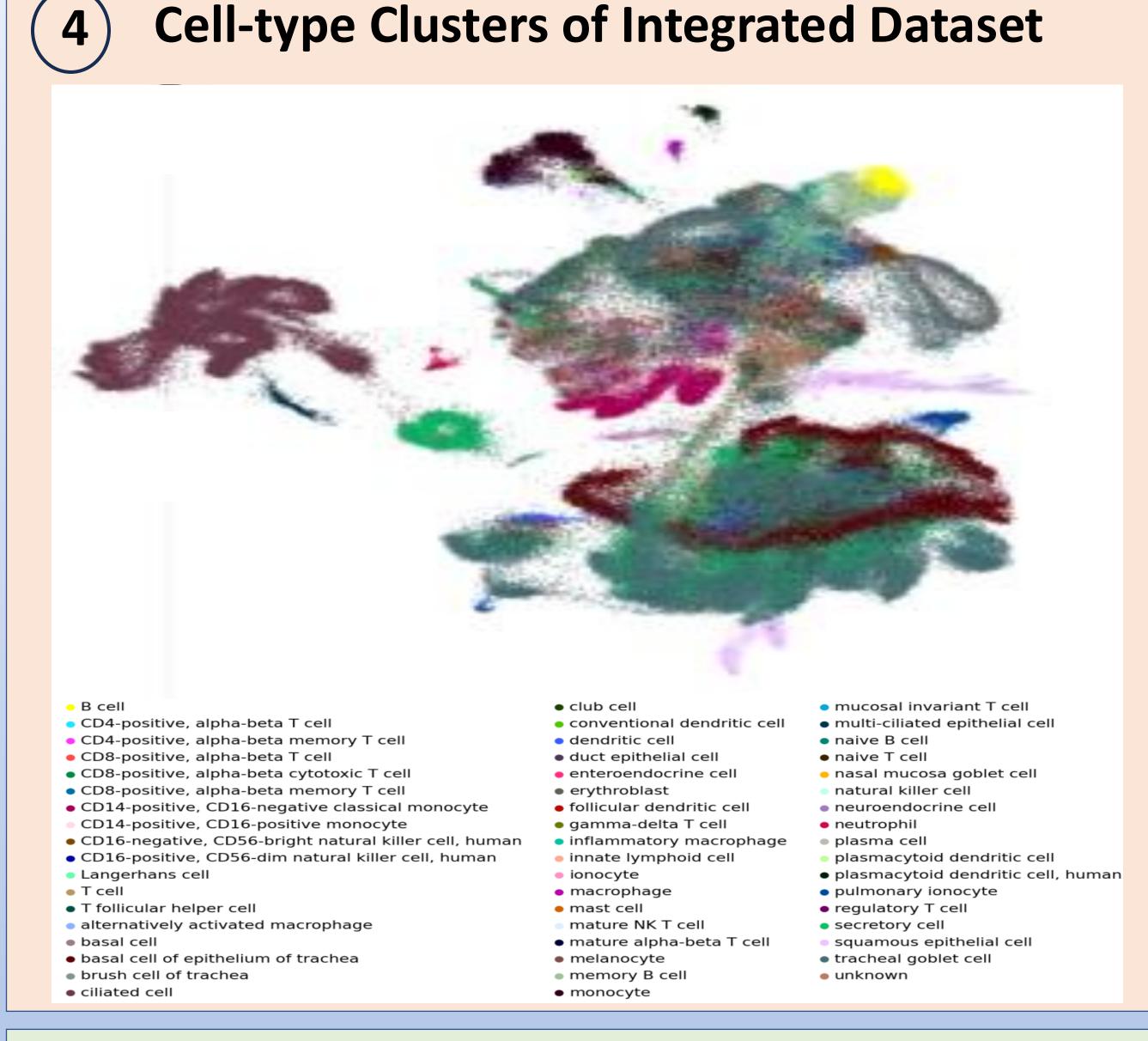




## **Building Single-cell Atlas of the Nasopharyngeal Mucosa** Dataset selection from Cell by Gene 6 datasets extracted 1. Organisms:







## Next steps

- Assess expression of SARS-CoV-2 in the nasopharynx.
- Reannotate the cell types to identify novel and other subtypes.
- Analyze data into greater details in terms of demographical characteristics e.g., age specific differences, SARS-CoV-2 status etc.
- Compare findings from Bangladesh with the global integrated dataset.

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