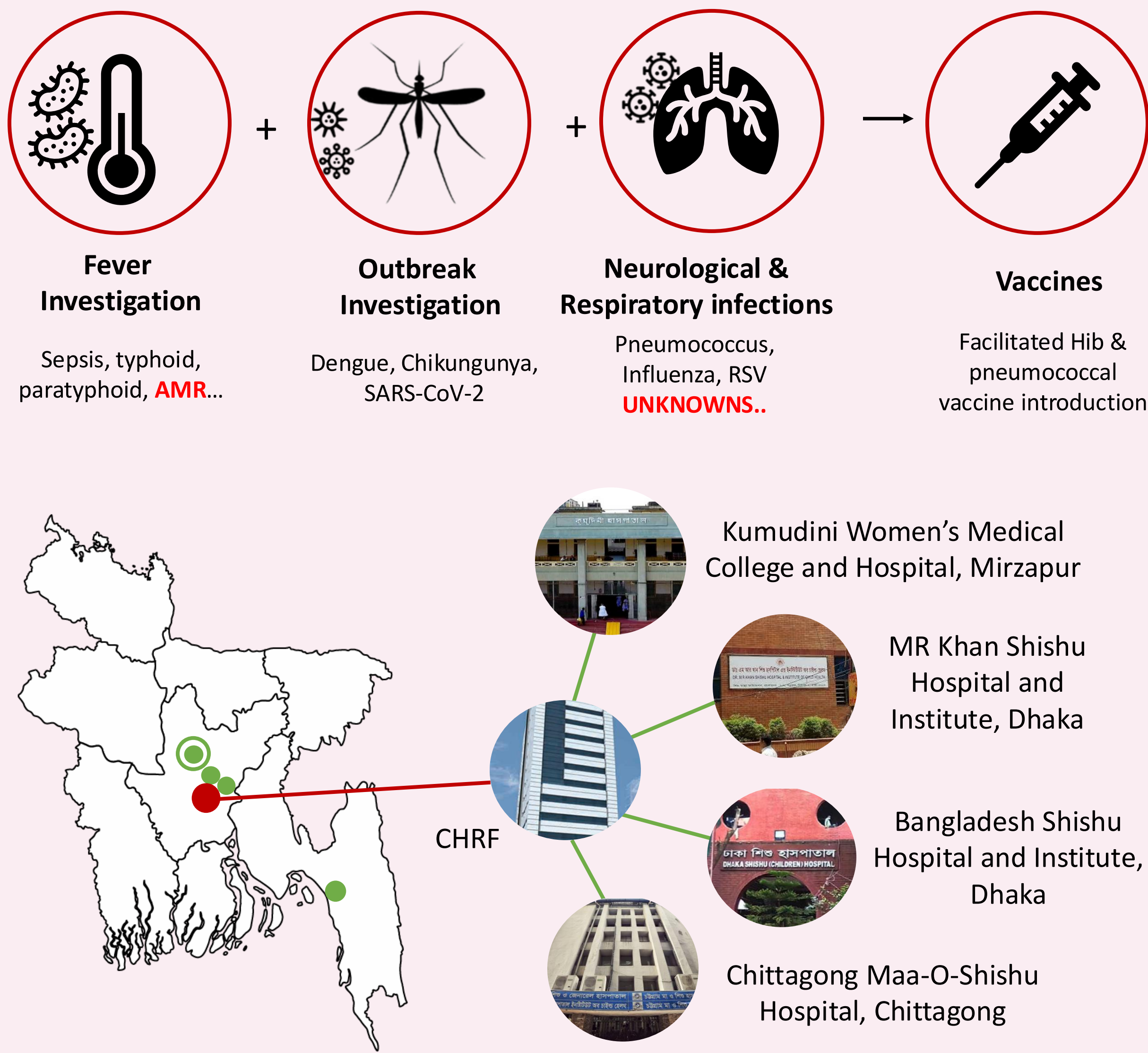


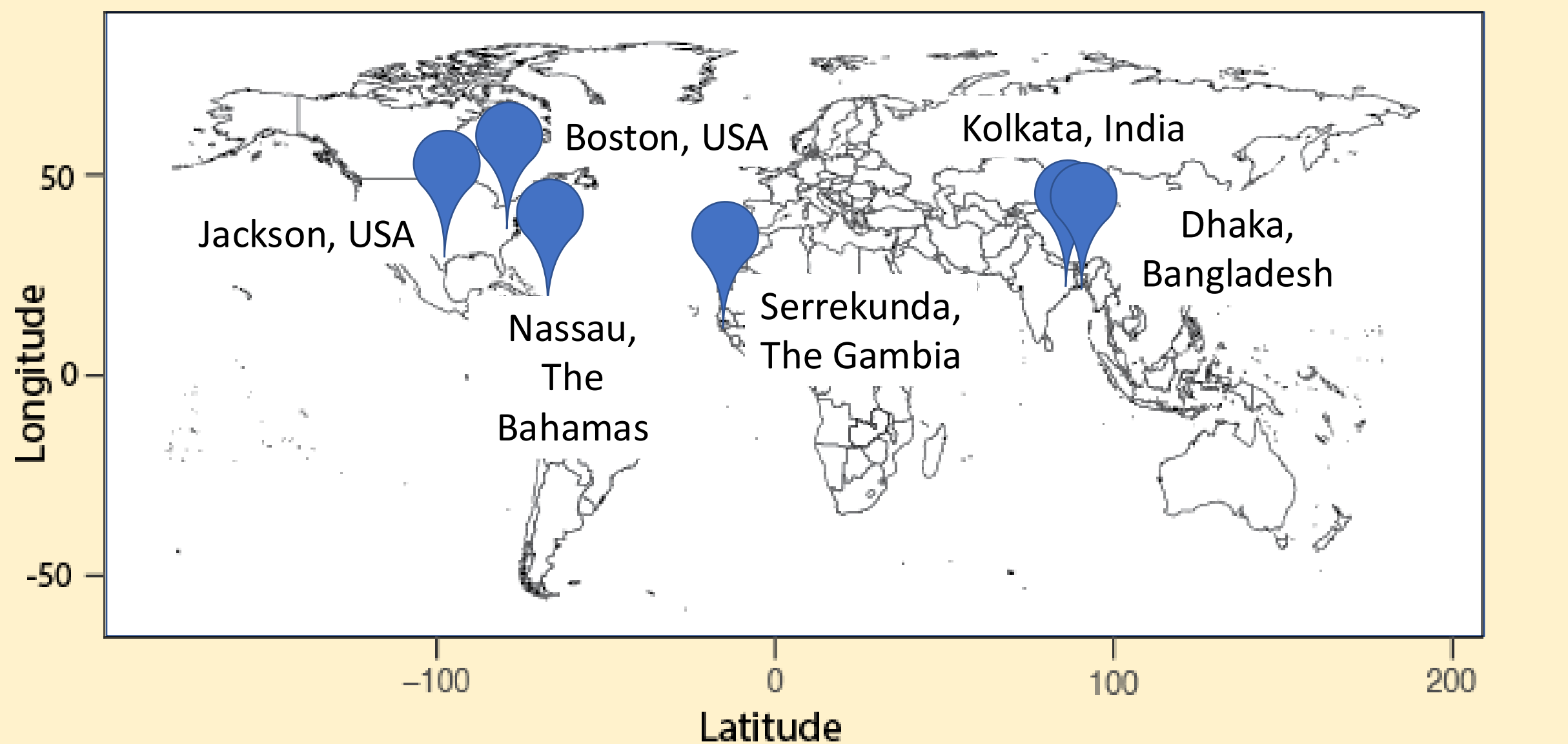
Building a Single-cell Atlas of the Nasopharyngeal Mucosa to Investigate SARS-CoV-2 Infection

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

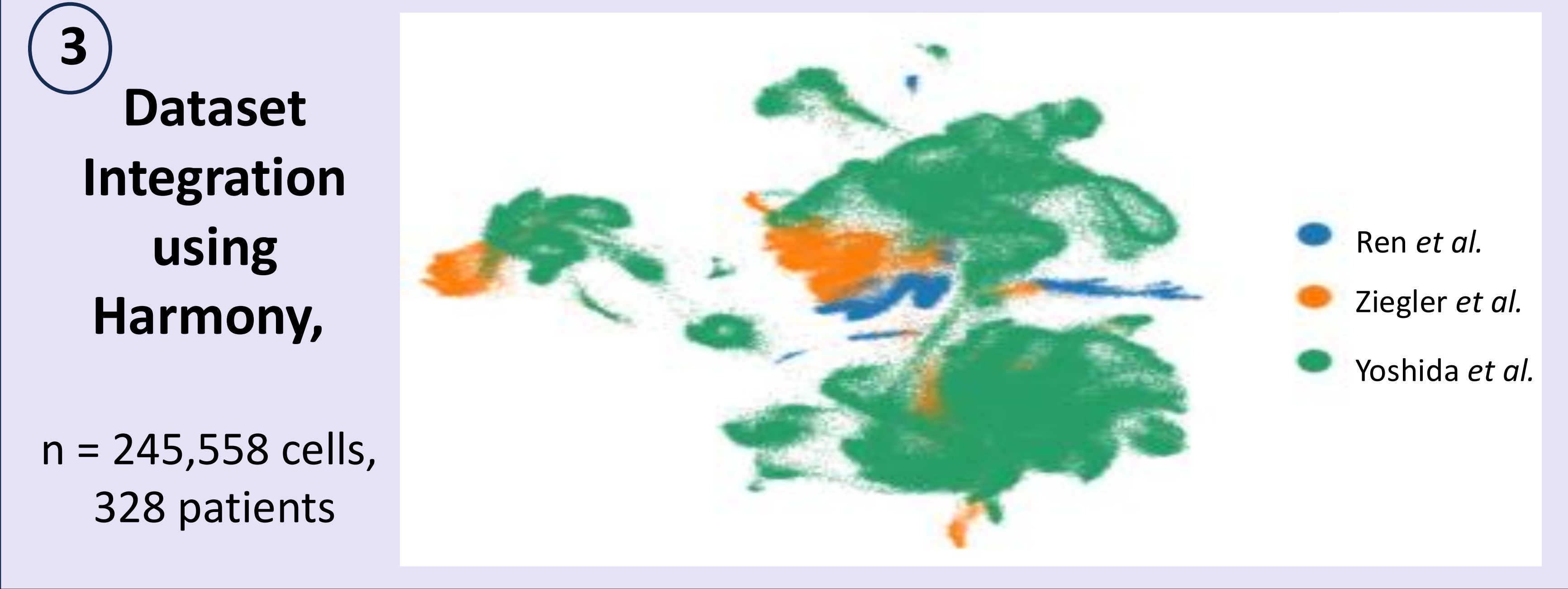
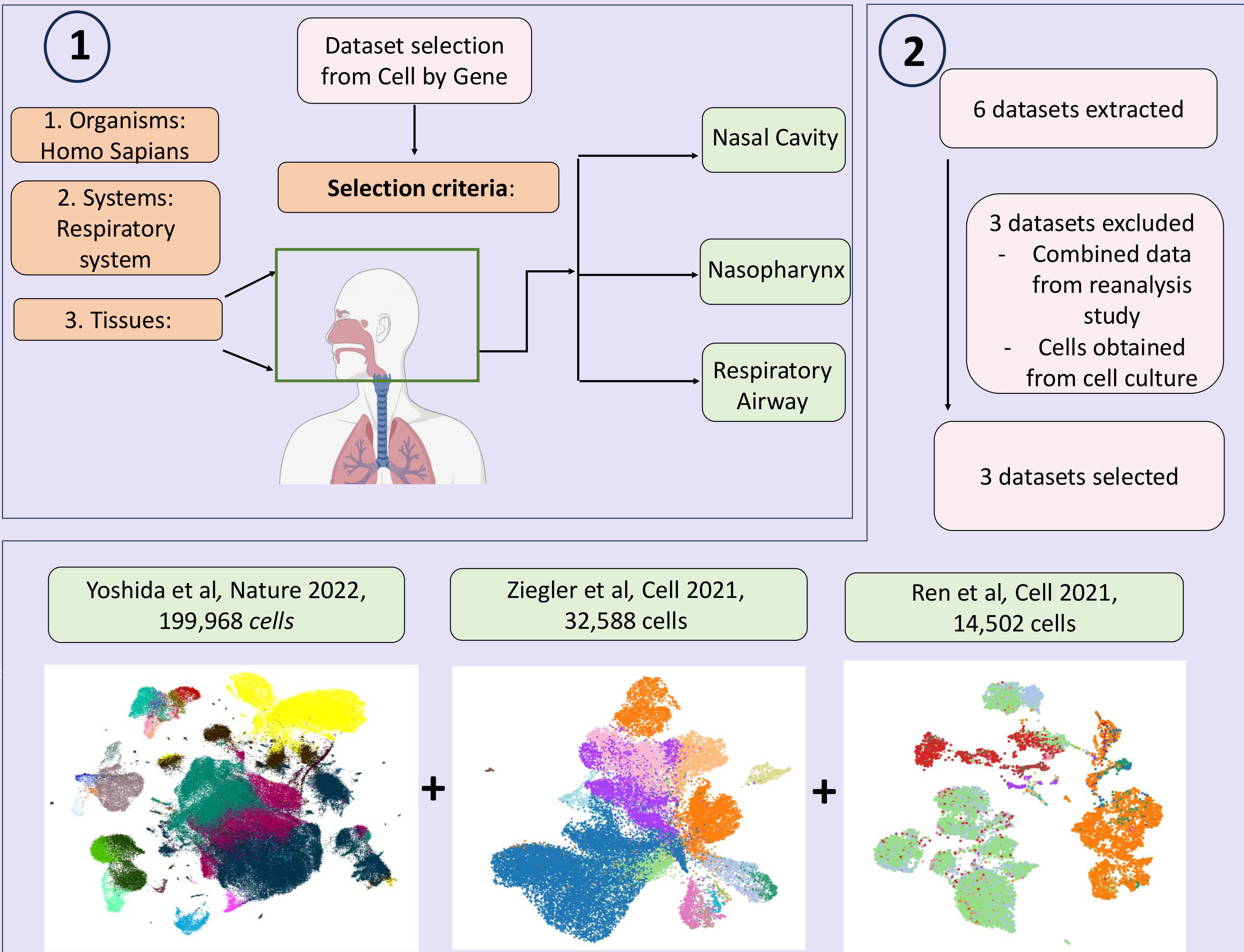
Child Health Research Foundation



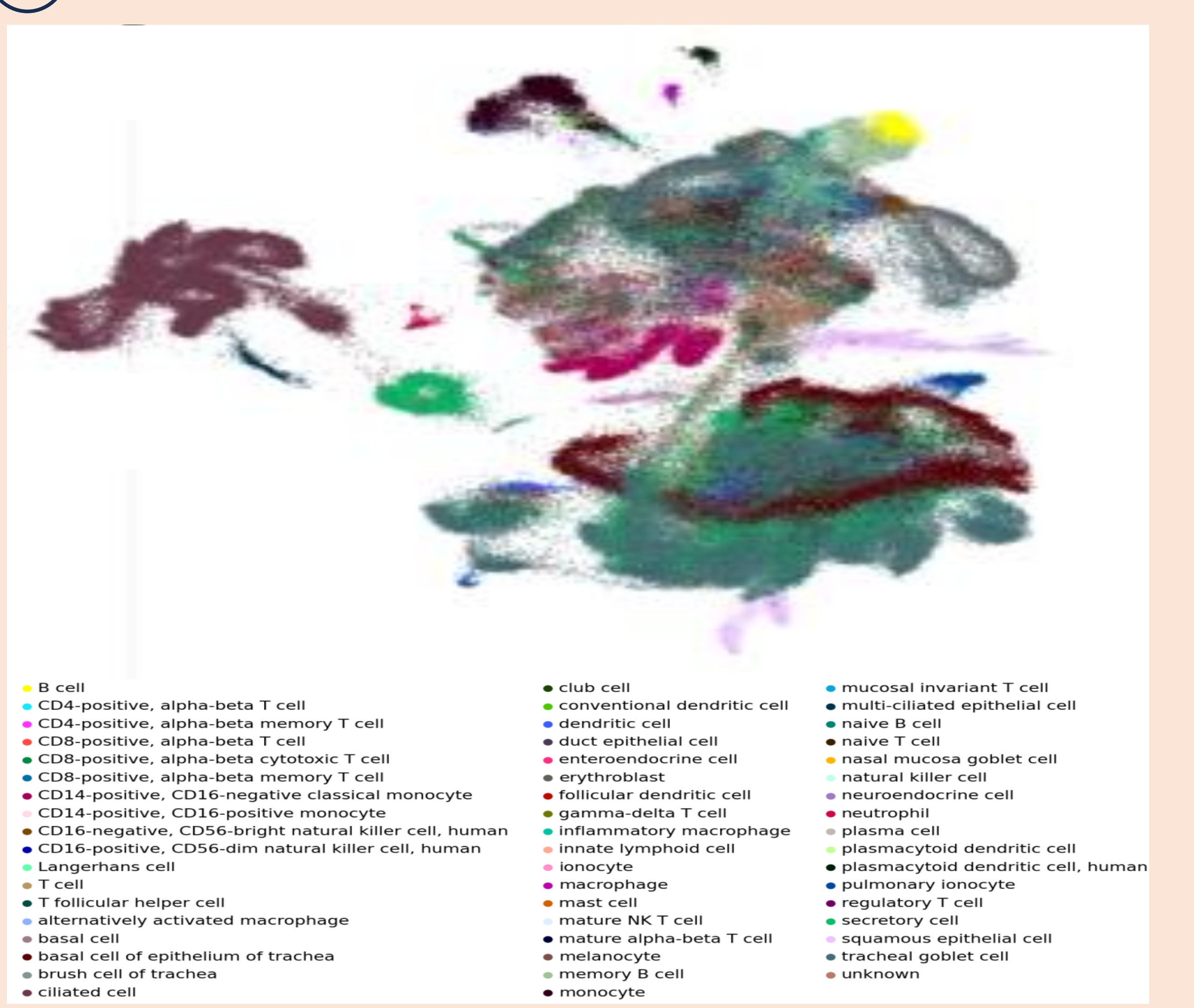
A Global Pediatric Cell Atlas of Nasal and Oral Mucosa



Building Single-cell Atlas of the Nasopharyngeal Mucosa



4 Cell-type Clusters of Integrated Dataset



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.

Acknowledgements

