

Specimen Banking

Repository Name Primary Airway Cell Biobank

Short Name PACB

Specimens currently available to other researchers? Yes

Biobank Sample Types

PACB

Cryovials of pHBE (primary Human Bronchial Epithelial) passage 1 cells

- Normal pHBE
- CF pHBE
- COPD pHBE
- Asthma pHBE

Human lung tissue fixed in paraffin and OCT

- Trachea
- Superior bronchus
- Inferior bronchus
- Alveolar tissue
- Smooth muscle
- Blood vessel

Biorepository Specimen Information

Lung samples are collected on adult donors undergoing lung resection. Between 10 and 20 new samples are collected every year. Primary HBE cells are isolated, cultured and cryopreserved in cryovials. Non-exhaustive non longitudinal clinical information on each donor is linked to database. pHBE cells from normal, CF and other respiratory diseases are available.