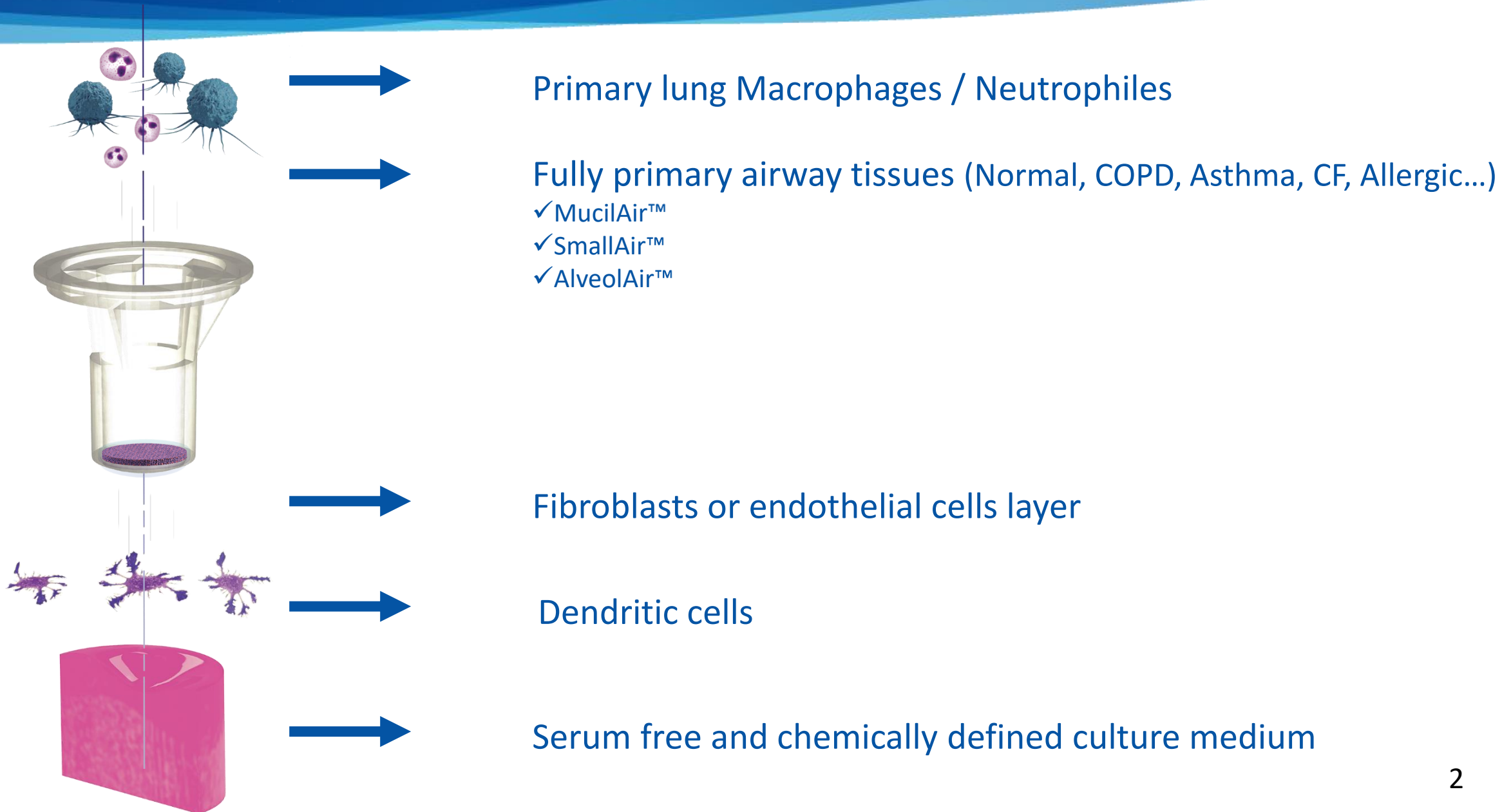


# EPITHELIX

- | 3D airway epithelia |
- | Frozen primary cells |
- | Testing services |

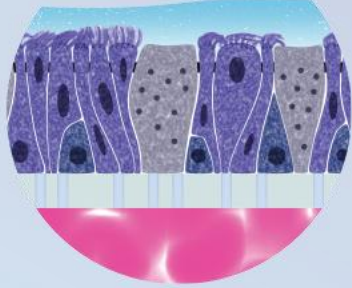
Archamps-France  
Geneva-Switzerland

# Novel advanced fully primary human immunocompetent models



# Epithelix Testing Services (CRO activity)

## MUCILAIR™



### Nasal Dryness

Cilia beating frequency  
Local cytotoxicity  
Pro inflammatory profile

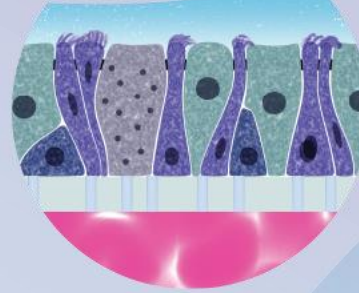
### Cystic Fibrosis

Mucociliary clearance  
Activation, correction  
and potentiation of CFTR

### Mucolytic Activity

Mucociliary clearance  
Mucus secretion  
Cilia Beating Frequency

## SMALLAIR™



### Asthma / COPD

Goblet cells hyperplasia  
Activity of ion channels

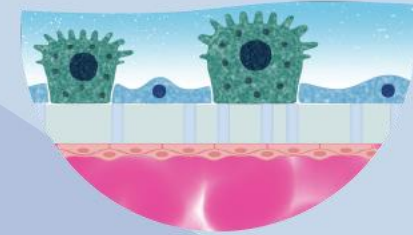
### Anti-inflammatory

Local Toxicity  
Pro inflammatory profile

### Bacterial Infection

Bacteria CFU  
Local Toxicity  
Cytokine release

## ALVEOLAIR™



### Toxicity Testing

Local Toxicity  
Pro inflammatory profile  
Ciliopathic effects

### Pulmonary fibrosis

Antifibrotic evaluation

### Inhalation Delivery

Permeation of drugs or xenobiotics  
PK/PD

### Viral infection

Viral replication kinetic  
Cytokine release  
Ciliopathic effects