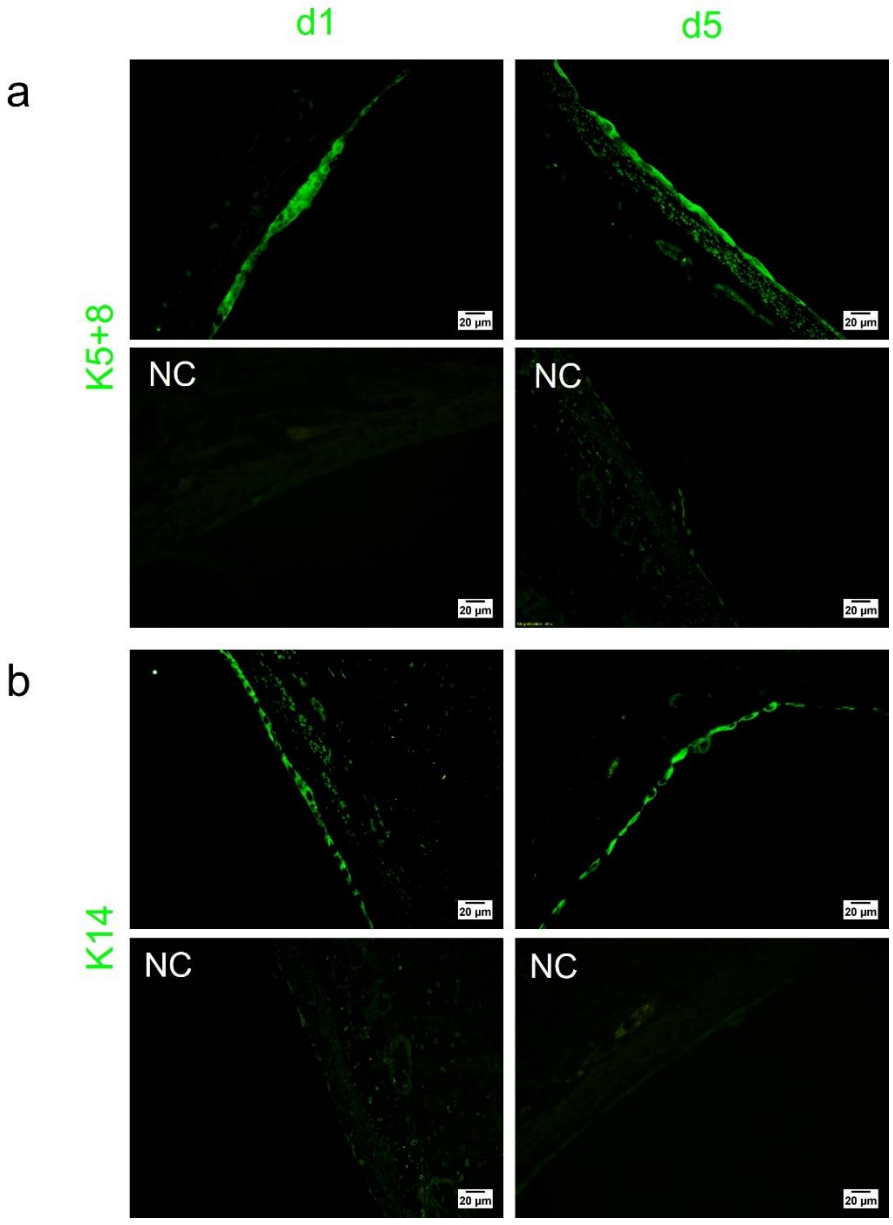
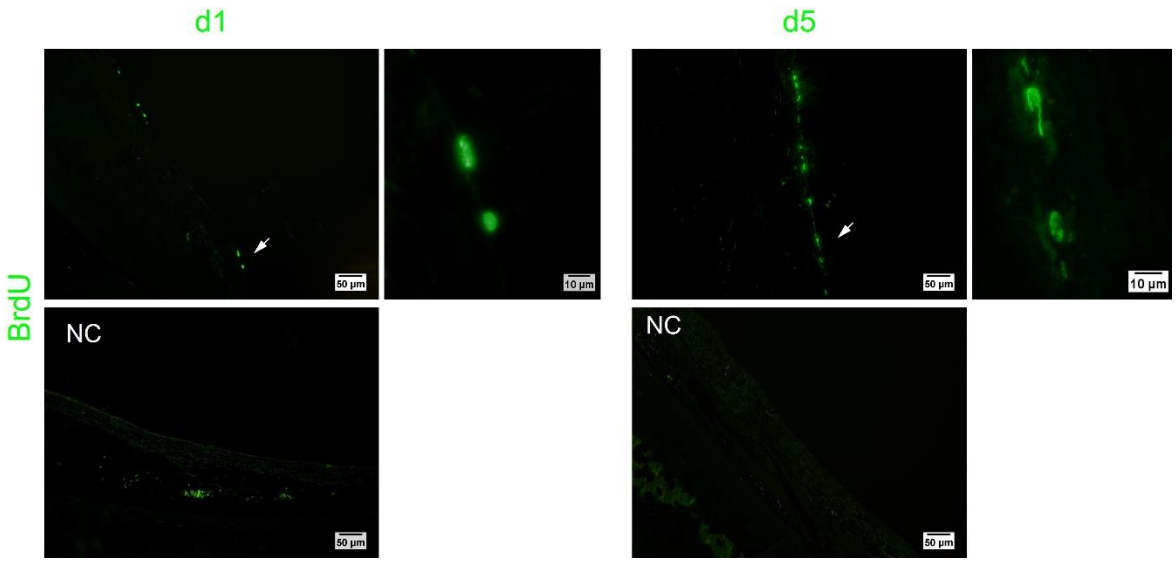
Stimulatory Secretions of Airway Epithelial Cells Accelerates Early Repair of Tracheal Epithelium

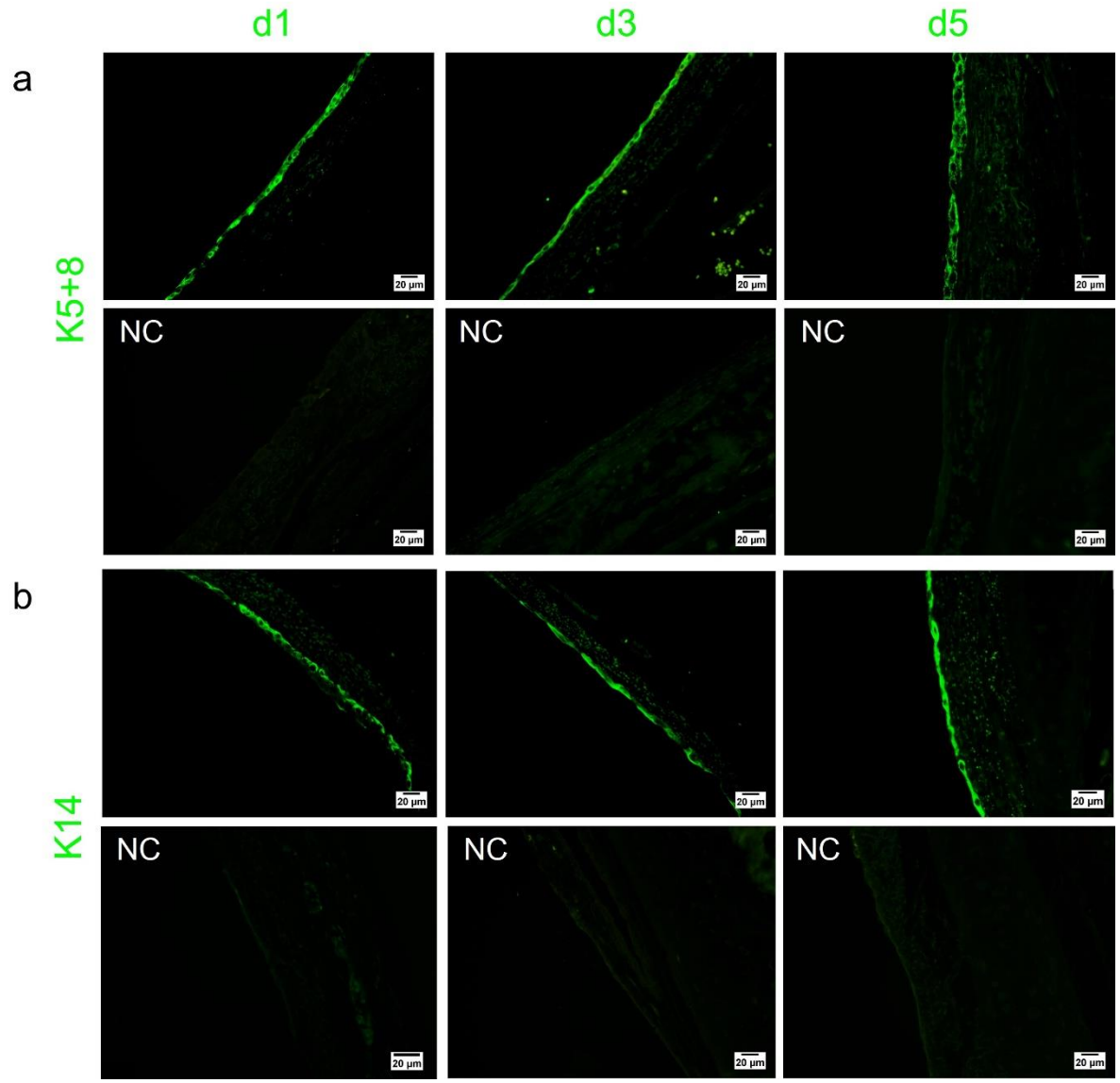
Egi Kardia, Rafeezul Mohamed, and Badrul Hisham Yahaya



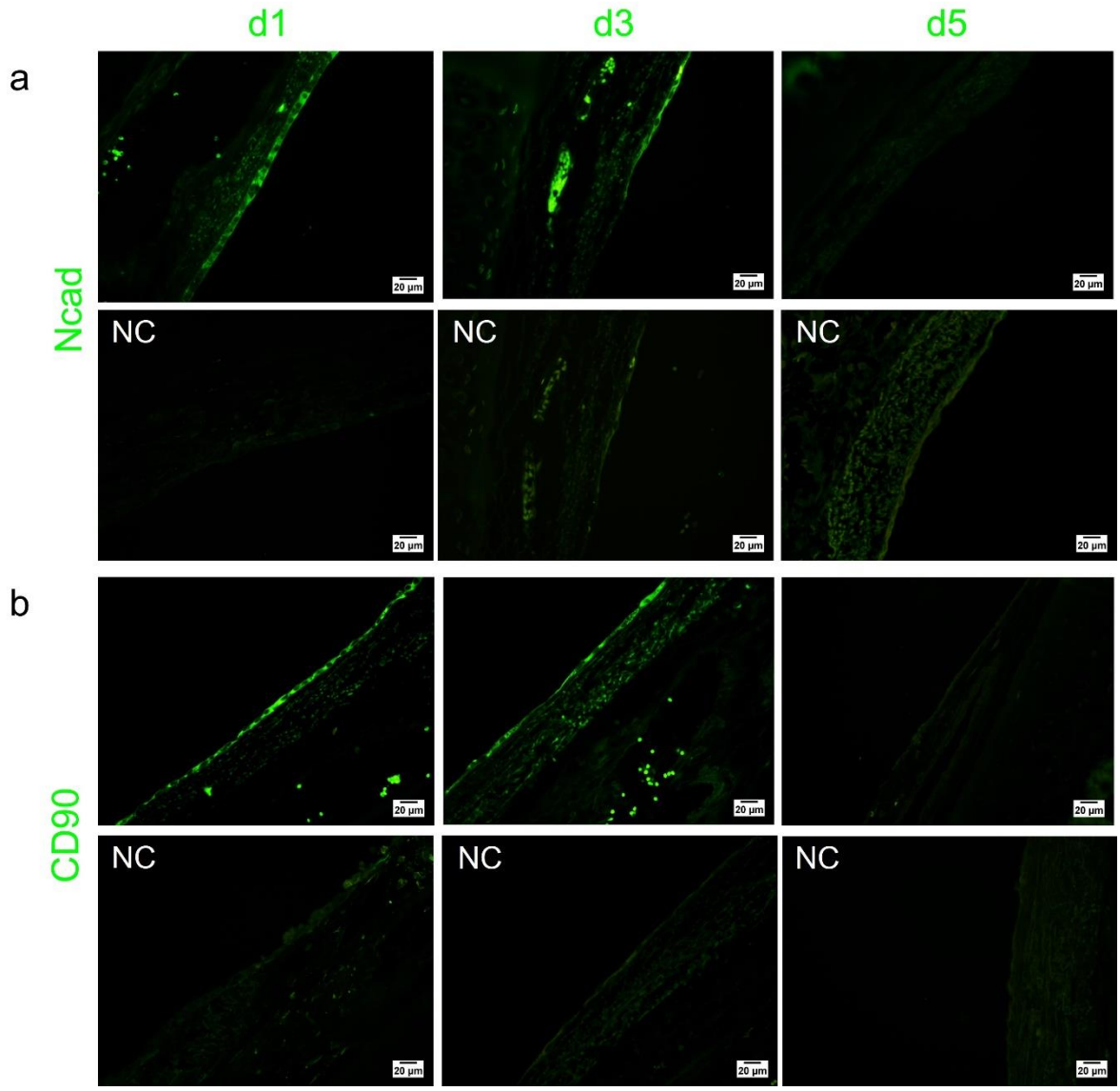
Supplementary figure 1 Representative images of (a) K5+8 (green) and (b) K14 (green) staining of seeded AECs in the damaged tracheal basement membrane at day 1 and 5 following direct co-culture assay. The negative control samples (NC) were given the similar staining without primary antibody incubation (scale bars: 20 µm).



Supplementary figure 2 Representative images of BrdU (green) staining of seeded AECs in the damaged tracheal basement membrane at day 1 and 5 following direct co-culture assay. Arrows indicate $BrdU^+$ cells that formed the lining of epithelium. The negative control samples (NC) were given the similar staining without primary antibody incubation (scale bars: 50 µm, scale bars of inserts represent 10 µm).



Supplementary figure 3 Representative images of (a) K5+8 (green) and (b) K14 (green) staining of tracheal epithelium following indirect AEC co-culture assay at day 1, 3, and 5. The negative control samples (NC) were given the similar staining without primary antibody incubation (scale bars: 20 µm).



Supplementary Figure 4 Representative images of (a) N-cadherin (green) and (b) CD90 (green) staining of tracheal epithelium following indirect AEC co-culture assay at day 1, 3, and 5. The negative control samples (NC) were given the similar staining without primary antibody incubation (scale bars: 20 µm).