FIG 1. A VICIOUS CYCLE OF INFECTION AND INFLAMMATION IN BRONCHIECTASIS

- **Microbial infection**
  - eg Haemophilus influenzae, Pseudomonas aeruginosa

- **Inflammation**
  - Neutrophilic inflammation causes damage to the tissue through proteolytic enzymes and oxidative stress

- **Impaired lung defence**
  - eg antibody deficiency, primary ciliary dyskinesia, cystic fibrosis

- **Tissue damage**
  - to epithelial cells and the structure of the airway wall leading to increased mucus production, which is poorly cleared

Source: Ozerovitch (2013)