Fig. 1. Study design

- **Screening Visits**
  - Methacholine challenge
  - Incremental challenge (mite)
  - Up to three single-step challenges (mite)

- **Visit 0**
  - Methacholine challenge
  - Single-step challenges (mite)

- **Visit 1**
  - Methacholine challenge
  - Single-step challenges (mite)

- **Visit 2-4**
  - Methacholine challenge
  - Single-step challenges (mite)

- **Visit 5**
  - Methacholine challenge

- **Provocation period (5 days)**
  - Sputum
  - 30 min break
  - Sputum

- **(24 weeks + 4 weeks break)**

- **Final examination (18 months after V5)**