## List of abbreviations

ABPA allergic bronchopulmonary aspergillosis

ACQ Asthma Control Questionnaire

BAL bronchoalveolar lavage

BMI body mass index

COPD chronic obstructive pulmonary disease

CRTH2 chemoattractant receptor homologous molecule expressed

on Th2 lymphocytes

CT computed tomography
FeN0 exhaled nitric oxide fraction
FEV1 forced expiratory volume in 1 s
FRC functional residual capacity

FVC forced vital capacity

GINA Global Initiative for Asthma

GM-CSF granulocyte-macrophage colony-stimulating factor

ICS inhaled corticosteroid ICU intensive care unit

IFN interferon
Ig immunoglobulin
IL interleukin

ILC innate lymphoid cell LABA long-acting ß-agonist

LAMA long-acting muscarinic antagonist

MMP matrix metalloproteinase
MRI magnetic resonance imaging

NSAID non-steroidal anti-inflammatory drug

OCS oral corticosteroid

SARP Severe Asthma Research Program

TGF transforming growth factor
TNF tumour necrosis factor
TSLP thymic stromal lymphopoietin

U-BIOPRED Unbiased Biomarkers in the Prediction of Respiratory Disease

VCD vocal cord dysfunction
VOC volatile organic compound