

Table SI. Basic patient information.

Characteristic	Patient 1	Patient 2
Age, years	60	56
Sex	Female	Female
Height, cm	163	156
Weight, kg	54	59
Date of Sampling	2022/07/22	2022/07/25
Sampling site	Basal segment of lower lobe of right lobe	Basal segment of lower lobe of right lobe
Former smoker	No	No
Principal diagnosis	Bronchiectasis	Interstitial pneumonia
Comorbidities	Hypertension	None
Pulmonary function test		
FVC (% predicted)	56.3	69.5
FEV1 (% predicted)	67.6	67.6
TLC (% predicted)	78.3	63.4
DLCO (% predicted)	84.9	49.9
MEF75 (% predicted)	68.9	72.4
MEF50 (% predicted)	84.4	47.8
MEF25 (% predicted)	101.3	45.9

FVC, forced vital capacity; FEV1, forced expiratory volume in 1 second; TLC, total lung capacity; DLCO, the diffusing capacity for carbon monoxide; MEF, maximum expiratory flow.

Table SII. Mean area of nuclei.

Passage	SFM		Ex		P-value
	Mean area	n	Mean area	n	
P1	117.998±36.410	251	99.892±28.125	301	<0.001
P3	126.946±41.904	300	107.171±20.394	239	<0.001
P5	144.613±40.378	214	119.984±27.605	244	<0.001