

Table S1. Characteristics of included and excluded patients in COREA cohort.

	Included (n=724)	Excluded	P value
Age at onset, yr	36.3±15.7	42.2±16.8 (n=640)	0.001
Body mass index (kg·m ⁻²)	23.81±3.28	24.07±3.40 (n=636)	0.158
Smoking (pack-years)	5.8±9.8	6.9±11.6 (n=510)	0.046
Atopy, % positive	44.8	52.6 (n=315)	0.479
PostBD FEV ₁ (%)	83.45±19.95	82.46±22.16 (n=616)	0.401

Comparison between study groups is based on independent T-test for continuous variables and a χ^2 test for proportions. Data indicate means \pm SDs.

Table S2. Characteristics of included and excluded patients in SCH cohort.

	Included (n=1843)	Excluded (n=349)	P value
Age at onset, yr	38.2±17.3	39.9±17.3 (n=349)	0.096
Body mass index (kg·m ⁻²)	24.22±3.52	24.54±3.91 (n=320)	0.134
Smoking (pack-years)	7.40±13.7	13.2±19.5 (n=54)	<0.001
Atopy, % positive	59.4	60.6 (n=315)	0.709
PostBD FEV ₁ (%)	79.86±22.42	79.37±22.14 (n=344)	0.711

Comparison between study groups is based on independent T-test for continuous variables and a χ^2 test for proportions. Data indicate means \pm SDs.