

Supplementary Table S1. Arterial blood gas and pulmonary function test results of the studied groups

Variable	Controls (n=20)	Stable COPD cases (n=40)	Exacerbation (n=60)	p1-value	p2-value	p3-value	p-value*
PH	7.40±0.03	7.43±0.12	7.34±0.07	0.335	0.003	0.001	<0.0001
PaO ₂	76.7±5.59	67.42±9.18	46.53±15.76	<0.0001	<0.0001	<0.0001	<0.0001
PaCO ₂	41.15±4.4	44.34±5.24	57.14±14.45	0.024	<0.0001	<0.0001	<0.0001
HCO ₃	30.3±3.5	30.47±3.6	31.52±3.01	0.861	0.325	0.342	0.490
FEV ₁	3.75±0.38	1.28±0.45	0.89±0.36	<0.0001	<0.0001	<0.0001	<0.0001
FVC	4.6±0.41	2.14±0.66	1.63±0.61	<0.0001	<0.0001	<0.0001	<0.0001
FEV ₁ /FVC	81.2±7.18	58.97±7.64	55.62±9.15	<0.0001	<0.0001	0.05	<0.0001

Values are presented as mean±standard deviation.

*For comparison between the three groups.

COPD: chronic obstructive pulmonary disease; p1: controls vs. stable COPD; p2: controls vs. exacerbation; p3: stable vs. exacerbation; FEV₁: forced expiratory volume in 1 second; FVC: forced volume capacity.