

Table S1. Characteristics of the sample (current and past asthma cases vs controls). Non-hierarchical classification.

	Current Asthma (n=404)	Past Asthma (n=185)	Controls (n=549)	p-value
		Median (IQR) or n (%)		
Age, years	44.09(37.95-52.09)	44.35(38.06-50.51)	49.38(41.02-59.16)	<0.001
Gender, female	212 (52.48)	84 (45.41)	270 (49.18)	0.263
Smoking habit				0.048
never	192 (47.64)	99 (53.80)	288 (52.55)	
past	111 (27.54)	53 (28.80)	166 (30.30)	
current	100 (24.81)	32 (17.39)	94 (17.15)	
FENO, ppm	23.05(12.00-45.00)	17 (9.6-30.0)	16.35(11.50-24.70)	<0.001
8-oxodG, ng/mg _{creat}	4.21 (2.17-7.90)	4.20(1.88-7.96)	3.69 (1.89-7.46)	0.178
8-isoprostane, ng/mg _{creat}	0.84(0.39-1.55)	0.87(0.26-1.68)	0.80(0.29- 1.73)	0.959
GSH, mg/ml	0.24 (0.18-0.28)	0.21 (0.16-0.27)	0.24 (0.19-0.29)	0.423
Leucocytes, n/ μ l	6770(5860-8220)	6540(5900-7700)	6350(5395-7570)	0.008
Basophils, n/ μ l	30.75(20.10-44.17)	26.04(17.70-36.12)	24.58(15.88-34.35)	<0.001
Eosinophils, n/ μ l	177.80(117.74-276.49)	156.87(84.70-220.48)	111.25(61.73-170.02)	<0.001
Neutrophils, n/ μ l	4029.75(3249.00-4995.92)	3987.50(3250.08-4847.85)	3848.12(3019.00-4748.41)	0.129
Monocytes, n/ μ l	355.95(289.38-441.98)	359.10(287.50-431.49)	344.94(283.14-428.42)	0.645
Lymphocytes, n/ μ l	1968.68(1663.20-2402.60)	1900.92(1522.85-2363.60)	1856.70(1558.62-2167.30)	0.012

Table S2. Characteristics of the sample (chronic bronchitis cases vs controls). Non-hierarchical classification.

	Chronic Bronchitis (n=203)	Controls (n=549)	p-value
		Median (IQR) or n (%)	
Age, years	45.42(39.10-54.68)	49.38(41.02-59.16)	0.004
Gender, female	97(47.78)	270(49.18)	0.734
Smoking habit			<0.001
never	90(44.33)	288(52.55)	
past	45(22.17)	166(30.30)	
current	68(33.50)	94(17.15)	
FENO, ppm	21.00(9.80-36.00)	16.35(11.50-24.70)	0.123
8-oxodG, ng/mg _{creat}	4.04(2.09-8.21)	3.69(1.89-7.46)	0.291
8-isoprostane, ng/mg _{creat}	0.96(0.45-1.59)	0.80(0.29-1.73)	0.330
GSH, mg/ml	0.25(0.20-0.31)	0.24(0.19-0.29)	0.073
Leucocytes, n/ μ l	6475(5520-7910)	6350(5395-7570)	0.275
Basophils, n/ μ l	29.95(20.34-44.10)	24.58(15.88-34.35)	0.004
Eosinophils, n/ μ l	171.30(118.08-261.03)	111.25(61.73-170.02)	<0.001
Neutrophils, n/ μ l	3576.31(3190.56-4533.76)	3848.12(3019.00-4748.41)	0.889
Monocytes, n/ μ l	327.91(277.76-414.50)	344.94(283.14-428.42)	0.518
Lymphocytes, n/ μ l	2110.74(1738.55-2391.32)	1856.70(1558.62-2167.30)	0.005