

Supplementary Table S4. Cellular profiles of the peripheral blood and sputum in the four clusters

Cluster	Total	C1	C2	C3	C4	P value
Number of subjects	259	72	48	52	87	
Peripheral blood						
WBC count (10 ³ /μL)	7.2 (3.4-23.1)	7 (3.7-23.1)*	7.4 (4.1-15.9)	7.8 (4.1-21) [†]	6.5 (3.4-17)	0.006
Eosinophils (%)	4.8 (0-38.7)	5.1 (0-22.9)	4.9 (0-36)	3.7 (0-27.7)	5.3 (0-38.7)	0.172
Neutrophils (%)	53.5 (0.0-98.0)	53.7 (0-98)	50.1 (0-83.2)	57.5 (0-93.3)	53.2 (0-92.1)	0.218
Neutrophil count	3,794 (1400.4-16320.0)	4,042.5 (1944-16320)	3,777.4 (1580-7965) [‡]	4,248.4 (1615.4-14616) [‡]	3,642 (1400.4-11620)	0.016
Number of subjects	86	21	17	20	27	
Sputum analysis						
Total cell count (10 ⁵ /mL)	2.6 (0.3-200)	3 (1-26)	2 (0.8-45)	2.4 (0.3-24)	2.7 (0.4-200)	0.729
Macrophages (%)	7.8 (0.0-96.7)	9.7 (0-96.7)	11.6 (0.2-44.9)	5.7 (0-25.6)	7.8 (0-56)	0.501
Eosinophils (%)	1.4 (0.0-91.6)	1.31 (0-79)	1 (0-91.6)	3.56 (0-39)	0.5 (0-43.3)	0.661
Neutrophils (%)	70.4 (0-100)	70.4 (3.2-96.2)	75.6 (5.9-99.7)	71.1 (0-98)	60.3 (0-100)	0.917
Neutrophil count	247.5 (13.0-400.0)	270 (13-385)	296 (17-399)	245 (90-392)	217 (77-400)	0.779
Lymphocytes (%)	0.5 (0.0-9.3)	0.3 (0-5.5)	1 (0-9.3)	0.2 (0-8.2)	0 (0-6.2)	0.377

WBC, white blood cell.

Data are presented as medians with ranges and were compared using the Kruskal-Wallis test.

$P < 0.05$ is regarded as significant. *Post-hoc* analysis was performed: *C1 and C3 ($P < 0.05$); [†]C2 and C3 ($P < 0.05$); [‡]C3 and C4 ($P < 0.05$).