



Figure S1 Consort diagram of SSc-ILD patients.

Table S1 Cellular profile of FBAL between subjects with and without steroid/immunosuppressant use

Cellular profile	Steroid/Immuno-suppressant use (-)		Steroid/Immuno-suppressant use (+)		P value
Macrophages					
FBAL-1	76.7	(61.7–88.3)	80.4	(70.8–86.9)	0.598
FBAL-2	82.7	(75.0–88.0)	81.4	(68.7–89.8)	0.893
FBAL-3	81.7	(74.0–88.7)	88.0	(84.2–93.1)	0.291
FBAL-total	81.3	(73.9–88.2)	84.4	(70.8–91.0)	0.784
Lymphocytes					
FBAL-1	8.0	(4.3–17.7)	7.8	(5.7–15.8)	0.891
FBAL-2	11.0	(8.3–14.7)	11.8	(5.5–25.4)	0.772
FBAL-3	13.0	(6.7–19.7)	8.7	(4.9–21.4)	0.447
FBAL-total	11.9	(7.8–16.7)	10.0	(5.4–22.2)	0.666
Neutrophils					
FBAL-1	7.9	(3.7–14.5)	5.9	(3.4–12.6)	0.502
FBAL-2	3.0	(1.3–5.3)	3.5	(2.0–5.8)	0.462
FBAL-3	2.0	(1.0–4.7)	2.7	(1.5–4.0)	0.656
FBAL-total	3.5	(1.8–6.3)	3.6	(2.3–6.7)	0.851
Eosinophils					
FBAL-1	2.0	(0.5–3.7)	0.7	(0.3–2.2)	0.077
FBAL-2	1.0	(0.0–2.3)	0.3	(0.0–1.3)	0.110
FBAL-3	1.0	(0.0–2.0)	0.2	(0.0–0.9)	0.034
FBAL-total	1.0	(0.4–3.1)	0.3	(0.1–0.9)	0.024

Table S2 Cellular profile of FBAL between subjects with and without anti-Scl-70 antibody

Cellular profile	Anti-Scl-70 (-)		Anti-Scl-70 (+)		P value
Macrophages					
FBAL-1	82.0	(57.9–86.4)	77.3	(65.5–88.9)	0.935
FBAL-2	85.7	(79.8–89.1)	79.0	(72.4–89.0)	0.132
FBAL-3	84.4	(78.1–91.5)	81.7	(72.8–89.0)	0.148
FBAL-total	84.1	(76.8–90.7)	80.2	(72.3–87.0)	0.262
Lymphocytes					
FBAL-1	7.7	(4.6–18.5)	9.7	(5.0–17.2)	0.767
FBAL-2	11.0	(5.2–15.3)	11.0	(7.3–18.0)	0.574
FBAL-3	10.3	(5.8–19.8)	13.0	(6.8–20.4)	0.370
FBAL-total	11.2	(5.6–17.0)	11.9	(9.3–18.3)	0.416
Neutrophils					
FBAL-1	7.0	(3.7–18.0)	7.3	(3.5–12.5)	0.605
FBAL-2	2.2	(1.6–4.3)	3.7	(1.9–6.2)	0.104
FBAL-3	1.9	(0.9–3.0)	3.3	(1.9–6.2)	0.008
FBAL-total	3.2	(1.7–6.2)	3.7	(2.1–7.2)	0.351
Eosinophils					
FBAL-1	1.7	(0.3–3.4)	1.0	(0.3–4.2)	0.785
FBAL-2	0.9	(0.3–1.4)	0.7	(0.0–3.3)	0.975
FBAL-3	0.7	(0.0–1.7)	0.3	(0.0–2.7)	0.791
FBAL-total	0.9	(0.4–1.6)	0.7	(0.1–3.4)	0.686

Table S3 Cellular profile of FBAL between non-smokers and smokers

Cellular profile	Non-smokers		Smokers		P value
Macrophages					
FBAL-1	77.7	(64.3–87.7)	83.2	(65.8–87.7)	0.552
FBAL-2	82.0	(72.7–88.7)	83.9	(75.6–90.8)	0.558
FBAL-3	83.0	(74.0–89.7)	83.0	(73.5–92.2)	0.980
FBAL-total	81.3	(72.7–88.5)	83.3	(73.1–91.0)	0.460
Lymphocytes					
FBAL-1	10.7	(5.0–18.3)	6.7	(3.1–11.2)	0.062
FBAL-2	11.3	(8.3–19.0)	10.7	(5.0–13.2)	0.257
FBAL-3	12.7	(8.3–19.9)	9.9	(4.8–19.1)	0.484
FBAL-total	11.8	(9.3–19.4)	10.7	(5.3–15.6)	0.255
Neutrophils					
FBAL-1	7.0	(3.0–16.7)	7.8	(5.1–13.2)	0.614
FBAL-2	3.0	(1.7–5.3)	3.0	(1.8–5.6)	0.633
FBAL-3	2.3	(1.3–4.0)	2.5	(1.0–4.9)	0.579
FBAL-total	3.5	(1.9–6.9)	3.8	(1.7–6.1)	0.760
Eosinophils					
FBAL-1	1.0	(0.3–3.0)	2.2	(0.6–3.9)	0.147
FBAL-2	0.7	(0.0–1.6)	1.0	(0.1–2.8)	0.257
FBAL-3	0.3	(0.0–1.7)	1.0	(0.0–3.5)	0.124
FBAL-total	0.7	(0.2–1.7)	1.1	(0.4–3.5)	0.161