

Supplementary tables for extended numerical values and statistic results in Figures

Fig. 1A

	24 hours (N)	36 hours (N)
<i>PA</i>	30.05 ± 2.728 (4)	35.74 ± 3.774 (5)
<i>PA+PBS</i>	37.33 ± 2.19 (4)	35.38 ± 1.14 (5)
<i>PA+ASCs</i>	12.14 ± 2.58 (5)	5.80 ± 1.47 (5)

p= 0.7258 for PA vs. PA+PBS in 24 hours

p= 0.0002 for PA+PBS vs. PA+ASCs in 24 hours

p= 0.0201 for PA vs. PA+PBS in 36 hours

p < 0.0001 for PA+PBS vs. PA+ASCs in 36 hours

N in brackets represents as sample size for each group. Same as below.

Fig. 1B, MIP-2 in lung:

	24 hours (N)	36 hours (N)
<i>PA</i>	130.8 ± 7.920 (4)	91.45 ± 16.68 (5)
<i>PA+PBS</i>	117.90 ± 3.40 (4)	104.30 ± 11.88 (5)
<i>PA+ASCs</i>	78.91 ± 5.06 (4)	30.93 ± 4.55 (5)

p= 0.1981 for PA vs. PA+PBS in 24 hours

p= 0.0007 for PA+PBS vs. PA+ASCs in 24 hours

p= 0.5938 for PA vs. PA+PBS in 36 hours

p= 0.0002 for PA+PBS vs. PA+ASCs in 36 hours

Fig. 1B, MIP-2 in BALF:

	24 hours (N)	36 hours (N)
<i>PA</i>	180.8 ± 32.17 (4)	175.4 ± 21.32 (4)
<i>PA+PBS</i>	217.90 ± 3.40 (4)	332.70 ± 58.33 (4)
<i>PA+ASCs</i>	93.91 ± 8.63 (4)	150.50 ± 5.32 (4)

p= 0.039 for PA vs. PA+PBS in 24 hours

p <0.0001 for PA+PBS vs. PA+ASCs in 24 hours

p= 0.1936 for PA vs. PA+PBS in 36 hours

p= 0.0358 for PA+PBS vs. PA+ASCs in 36 hours

Fig. 1B, TNF- α in lung:

	24 hours (N)	36 hours (N)
<i>PA</i>	40.77 \pm 7.205 (4)	26.59 \pm 7.527 (5)
<i>PA+PBS</i>	36.49 \pm 0.64 (4)	29.23 \pm 3.03 (5)
<i>PA+ASCs</i>	23.96 \pm 2.86 (5)	3.94 \pm 1.13 (5)

p= 0.006 for PA vs. PA+PBS in 24 hours

p= 0.0036 for PA+PBS vs. PA+ASCs in 24 hours

p= 0.2689 for PA vs. PA+PBS in 36 hours

p= 0.0008 for PA+PBS vs. PA+ASCs in 36 hours

Fig. 1B, TNF- α in BALF:

	24 hours (N)	36 hours (N)
<i>PA</i>	165.4 \pm 30.65 (4)	177.9 \pm 30.18 (4)
<i>PA+PBS</i>	242.90 \pm 29.53 (4)	227.90 \pm 48.22 (4)
<i>PA+ASCs</i>	109.30 \pm 35.24 (4)	100.70 \pm 3.42 (4)

p= 0.9527 for PA vs. PA+PBS in 24 hours

p= 0.0272 for PA+PBS vs. PA+ASCs in 24 hours

p= 0.4620 for PA vs. PA+PBS in 36 hours

p= 0.0390 for PA+PBS vs. PA+ASCs in 36 hours

Fig. 1C

	in BALF (N)	in lung (N)
<i>PA</i>	314.0 \pm 49.46 (3)	10240 \pm 3416 (3)
<i>PA+PBS</i>	332.60 \pm 91.98 (5)	10847 \pm 2434 (5)
<i>PA+ASCs</i>	12.33 \pm 1.45 (3)	4348 \pm 1248 (5)

p= 0.0015 for PA vs. PA+PBS in BALF in 36 hours

p=0.0401 for PA+PBS vs. PA+ASCs in BALF in 36 hours;

p= 0.7904 for PA vs. PA+PBS in lung in 36 hours

p=0.0448 for PA+PBS vs. PA+ASCs in lung in 36 hours

Fig. 1D

	24 hours (N)	36 hours (N)
<i>PA</i>	0.6400 ± 0.040 (3)	0.7350 ± 0.0350 (3)
<i>PA+PBS</i>	0.840 ± 0.040 (3)	1.010 ± 0.010 (3)
<i>PA+ASCs</i>	0.575 ± 0.025 (3)	0.640 ± 0.040 (3)

p= 0.63 for PA vs. PA+PBS in 24 hours

p= 0.0303 for PA+PBS vs. PA+ASCs in 24 hours

p= 0.754 for PA vs. PA+PBS in 24 hours

p= 0.0122 for PA+PBS vs. PA+ASCs in 36 hours

Fig. 2C: IL-1 β :

	in BALF (N)	in lung (N)
<i>WT</i>	12.54 ± 1.00 (3)	209.67 ± 23.86 (3)
<i>NLRC4^{-/-}</i>	1.84 ± 1.00 (3)	97.69 ± 23.86 (3)

p= 0.0004 for WT vs. *NLRC4^{-/-}* in BALF

p= 0.009 for WT vs. *NLRC4^{-/-}* in lung

Fig. 2C: IL-18:

	in BALF (N)	in lung (N)
<i>WT</i>	407.754 ± 97.848 (3)	469.99 ± 13.81 (3)
<i>NLRC4^{-/-}</i>	259.185 ± 97.848 (3)	173.09 ± 13.81 (3)

p= 0.203536 for WT vs. *NLRC4^{-/-}*

p= 0.0002 for WT vs. *NLRC4^{-/-}*

Fig. 2E:

	PA(MOI=1) (N)	PA(MOI=5) (N)	PA(MOI=10) (N)
<i>WT</i>	157.88 ± 28.95 (3)	89.08 ± 12.00 (3)	48.65 ± 8.14 (3)
<i>NLRC4^{-/-}</i>	16.54 ± 28.95 (3)	19.97 ± 12.00 (3)	18.63 ± 8.14 (3)

p = 0.0081 for WT vs. *NLRC4^{-/-}*

p = 0.0045 for WT vs. *NLRC4^{-/-}*

p = 0.021 for WT vs. *NLRC4^{-/-}*

Fig. 2F:

	PA(MOI=1) (N)	PA(MOI=5) (N)	PA(MOI=10) (N)
<i>WT</i>	9.329 ± 0.640 (3)	6.329 ± 0.510 (3)	5.329 ± 0.510 (3)
<i>NLRC4^{-/-}</i>	1.450 ± 0.640 (3)	0.950 ± 0.510 (3)	1.950 ± 0.510 (3)

p = 0.0065 for WT vs. *NLRC4^{-/-}*

p = 0.0088 for WT vs. *NLRC4^{-/-}*

p = 0.022 for WT vs. *NLRC4^{-/-}*

Fig. 3D:

	IL-18 (N)	IL-1β (N)
<i>PA+PBS</i>	532.70 ± 96.16 (3)	107.30 ± 3.18 (3)
<i>PA+ASCs</i>	208.40 ± 47.02 (3)	37.61 ± 18.82 (3)

p = 0.0388 for PA+PBS vs. PA+ASCs in IL-18

p = 0.0217 for PA+PBS vs. PA+ASCs in IL-1β

Fig.3G:

	IL-18 (N)	IL-1β (N)
<i>PA+PBS</i>	785.50 ± 30.91 (3)	475.20 ± 50.61 (3)
<i>PA+ASCs</i>	632.00 ± 12.17 (3)	155.00 ± 75.18 (3)

p = 0.0099 for PA+PBS vs. PA+ASCs in IL-18

p = 0.0242 for PA+PBS vs. PA+ASCs in IL-1 β

Fig.3H:

	IL-18 (N)	IL-1β (N)
<i>PA+THP-1</i>	57.00 \pm 1.50 (3)	503.00 \pm 2.50 (3)
<i>PA+ASCs: THP-1(1:1)</i>	24.06 \pm 0.50 (3)	295.00 \pm 1.50 (3)

p = 0.0023 for PA+ THP-1 vs. PA+ ASCs: THP-1(1:1) in IL-18

p = 0.0002 for PA+ THP-1 vs. PA+ ASCs: THP-1(1:1) in IL-1 β

Fig.3J:

	IL-18 (N)	IL-1β (N)
<i>PA+ Ma</i>	9.33 \pm 0.50 (4)	571.90 \pm 0.50 (4)
<i>PA+ ASCs: Ma(1:5)</i>	6.02 \pm 0.02 (3)	25.19 \pm 0.50 (3)

p = 0.0221 for PA+ Ma vs. PA+ PA+ ASCs: Ma(1:5)

p < 0.0001 for PA+ Ma vs. PA+ PA+ ASCs: Ma(1:5)

Fig. 3I:

<i>PA+PBS</i>	1.299 \pm 0.112 (8)
<i>PA+ASCs</i>	0.479 \pm 0.077 (9)

p < 0.0001 for PA+PBS vs. PA+ASCs

Fig. 3K:

<i>PA+THP-1</i>	34.55 \pm 0.7500 (3)
<i>PA+ASCs: THP-1</i>	55.25 \pm 1.450 (3)

p = 0.0062 for PA+ THP-1 vs. PA+ ASCs: THP-1

Fig. 5A-B:

	IL-18 (N)	IL-1β (N)
<i>PA+THP-1</i>	227.40 \pm 17.56 (3)	63.00 \pm 2.50 (3)
<i>PA+ THP-1+ rhSTC-1</i>	59.77 \pm 2.25 (3)	34.06 \pm 0.50 (3)

p = 0.0077 for PA+ THP-1 vs. PA+ THP-1+ rhSTC-1 in IL-18

p = 0.0052 for PA+ THP-1 vs. PA+ THP-1+ rhSTC-1 in IL-1 β

Fig. 5D:

<i>PA+THP-1</i>	495 \pm 38 (4)
<i>PA+ASCs: THP-1</i>	835 \pm 19 (4)

p = 0.0002 for PA vs. PA+ ASCs: THP-1

Fig. 5E:

<i>ASCs: THP-1</i>	2017 \pm 328 (5)
<i>PA+ASCs: THP-1</i>	3032 \pm 79 (7)

p = 0.0055 for ASCs: THP-1 vs. PA+ ASCs: THP-1

Fig. 5F-G:

	in BALF (N)	in lung (N)
<i>PA+PBS</i>	706 \pm 125 (3)	2207 \pm 95 (3)
<i>PA+ASCs</i>	1202 \pm 64 (3)	3158 \pm 104 (3)

p = 0.0212 for PA+PBS vs. PA+ASCs in lung

p = 0.0243 for PA+PBS vs. PA+ASCs in BALF