

Table 5 Changes in markers of bronchial inflammation from day 1 to day 10 in those with *Haemophilus influenzae* cultured at exacerbation

	Eradicated (n=11)		Persistent (n=9)	
	Day 1	Day 10	Day 1	Day 10
MPO (units/ml)	1.33 (0.75–2.46)	0.22** (0.15–0.33)	1.15 (0.52–1.71)	0.44*† (0.31–0.72)
NE (nM)	10.18 (3.28–94.29)	0.00* (0.00–8.80)	10.90 (1.33–40.91)	0.00* (0.00–11.71)
LTB4 (nM)	9.88 (4.70–22.20)	2.27** (0.29–4.30)	7.68 (5.00–30.12)	12.37† (2.34–19.28)
IL-8 (nM)	8.18 (3.86–15.91)	2.35* (0.89–4.64)	7.57 (5.36–12.88)	4.64* (2.81–5.64)
SLPI μ M	1.02 (0.10–1.70)	1.48 (0.41–2.20)	1.05 (0.55–1.75)	1.36 (1.06–2.87)
Albumin ratio (%)	1.31 (0.74–3.56)	0.41* (0.24–0.75)	3.02 (2.35–3.29)	0.52** (0.38–0.58)
Pathogen load (cfu/ml)	2.7×10^8 (6.0×10^7 – 1.8×10^9)	–	7.2×10^8 (4.8×10^8 – 1.7×10^9)	3.8×10^8 (7.0×10^7 – 1.1×10^9)

20 patients provided sputum samples at day 1 and day 10 and inflammatory data are available in 19 of these. The results are presented as median (interquartile range).

* $p < 0.03$, ** $p < 0.005$, differences compared with presentation (Wilcoxon signed rank test).

† $p < 0.05$, differences compared with “eradicated” group (Mann-Whitney U test).