

Table 6 Changes in markers of bronchial inflammation from day 1 to the stable state in those with *Haemophilus influenzae* cultured at exacerbation

	Eradicated (n=7)		Persistent (n=10)	
	Day 1	Stable state	Day 1	Stable state
MPO (units/ml)	1.15 (0.92–1.67)	0.28** (0.11–0.39)	1.53 (0.38–2.68)	0.31* (0.16–2.38)
NE (nM)	10.90 (6.77–13.20)	0.00* (0.00–1.53)	27.93 (1.66–166.02)	13.40*† (0.00–57.89)
LTB4 (nM)	20.34 (4.00–26.16)	4.72* (2.50–5.99)	10.19 (5.28–34.76)	7.24 (2.80–27.85)
IL-8 (nM)	7.89 (4.58–13.14)	6.92 (2.74–17.58)	6.83 (4.08–14.79)	6.48 (2.04–10.33)
SLPI (μM)	0.93 (0.52–1.66)	3.48** (3.22–4.86)	1.14 (0.10–1.70)	2.13*† (1.19–4.58)
Albumin ratio (%)	2.09 (0.97–2.68)	0.43 (0.32–1.00)	3.02 (1.38–4.68)	0.93** (0.51–1.21)
Pathogen load (cfu/ml)	5.6×10^8 (2.3×10^8 – 1.0×10^9)	–	5.7×10^8 (1.1×10^8 – 2.0×10^9)	5.7×10^7 * (4.5×10^6 – 2.6×10^8)

20 patients with pure growth of *H influenzae* at exacerbation provided sputum samples at day 1 and the stable state and inflammatory data are available in 17 of these. The results are presented as median (interquartile range).

*p<0.05, **p≤0.009 differences compared with presentation (Wilcoxon signed rank test).

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