

SUPPLEMENTARY INFORMATION

Electronic cigarette vapour moderately stimulates pro-inflammatory signalling pathways and interleukin-6 production by human monocyte-derived dendritic cells

I-Ling Chen, Ian Todd, Patrick J. Tighe, Lucy C. Fairclough*

School of Life Sciences, University of Nottingham, Nottingham, UK

***Correspondence:**

Lucy C. Fairclough, School of Life Sciences, University of Nottingham, Life Sciences Building, University Park, Nottingham NG7 2RD, UK.

E-mail: lucy.fairclough@nottingham.ac.uk

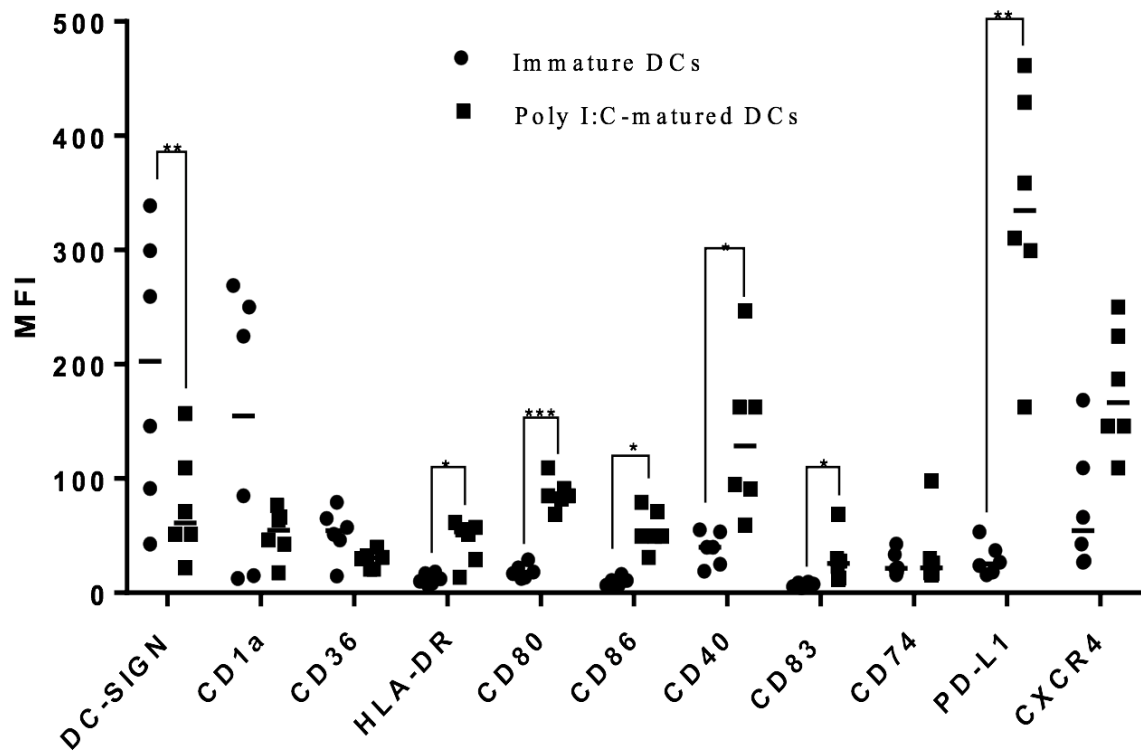


Figure 1S. Comparison of MFI value of surface markers between untreated immature and Poly I:C-matured DCs. Data is presented as scatter plots and each dot represents a different individual donor. The median of six independent experiments is shown. If data was normally distributed, paired t-test was used, otherwise Wilcoxon test was used. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$.

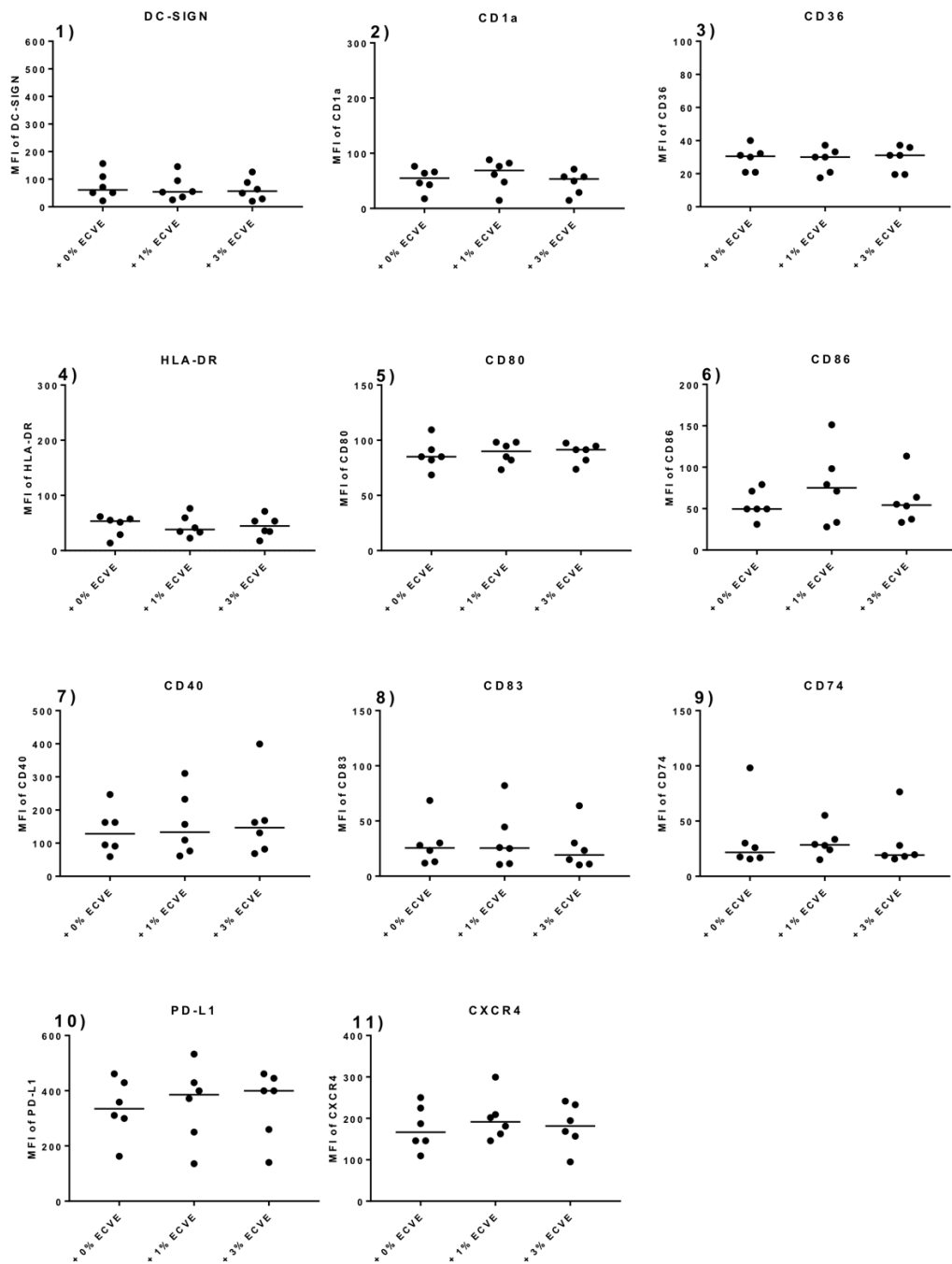


Figure 2S. The MFI of surface markers on Poly I:C-matured DCs after 24 h with or without ECVE treatment. Data is presented as scatter plots and each dot represents a different individual donor. The median of six individual experiments is shown. If data was normally distributed, paired one-way ANOVA was used, otherwise paired Friedman test was used.

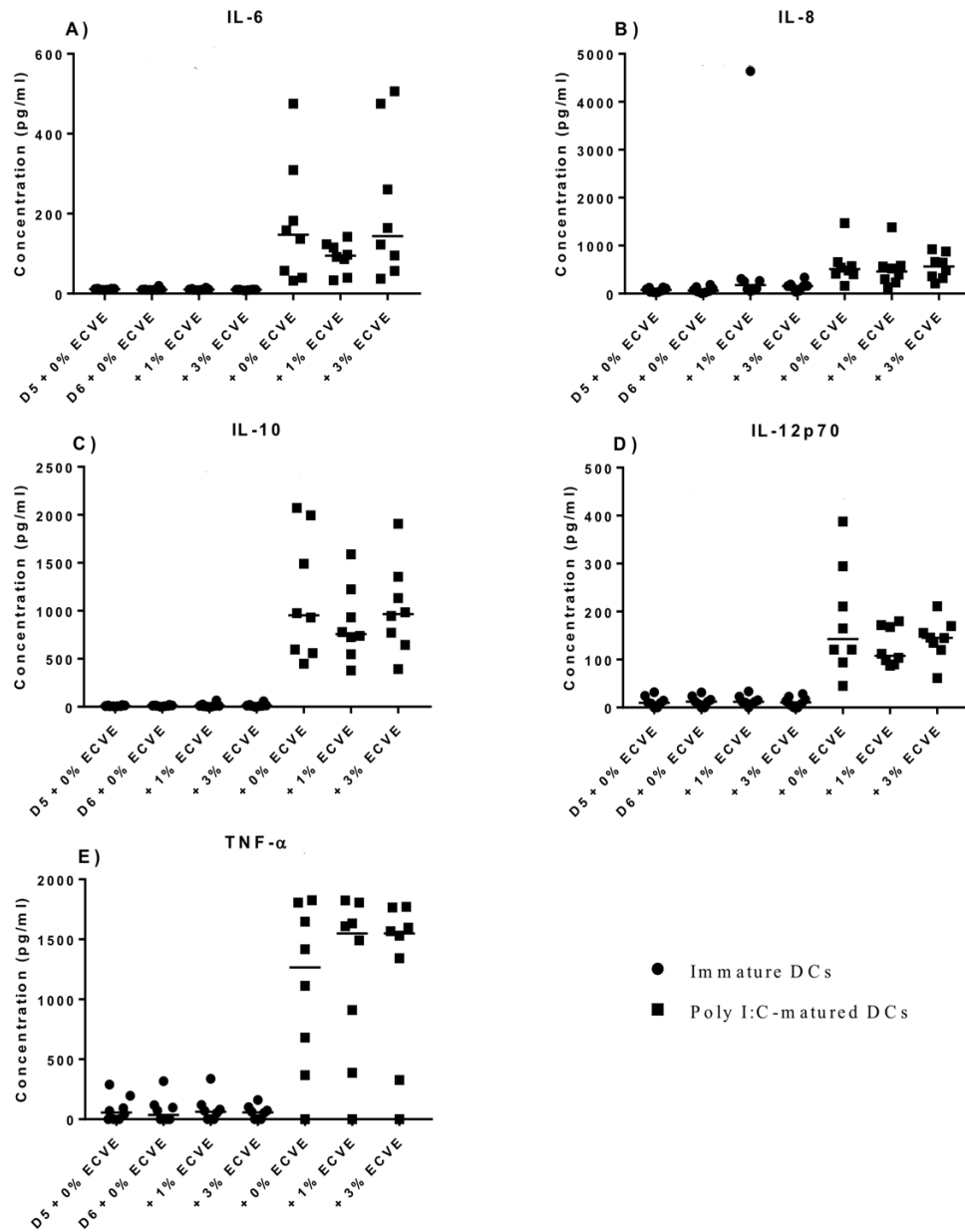


Figure 3S. Cytokine production by immature and Poly I:C-matured DCs after 24 h with or without ECVE treatment. Data is presented as scatter plots of eight independent experiments and their medians. If data was normally distributed, paired one-way ANOVA was used, otherwise paired Friedman test was used.

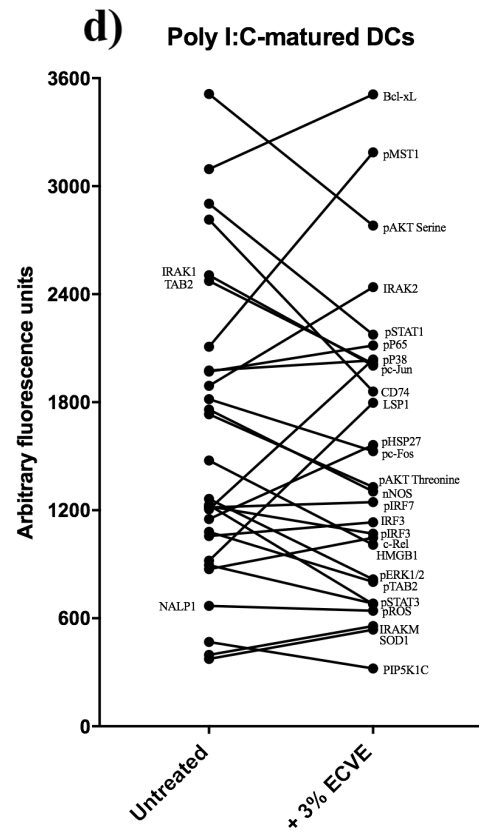
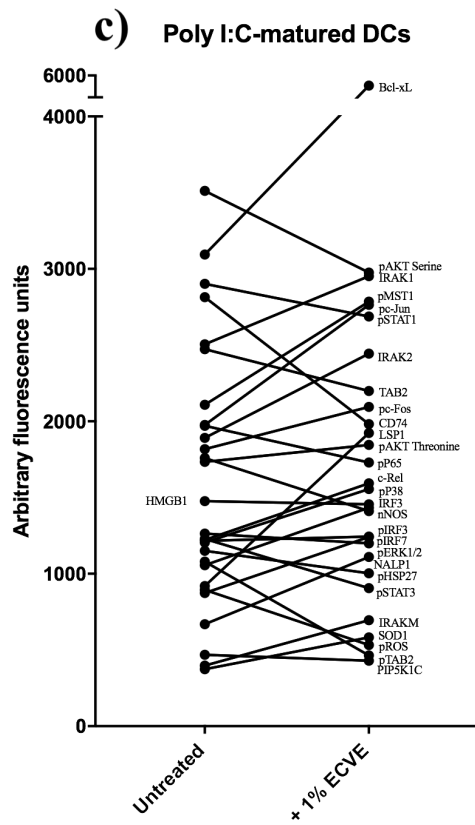
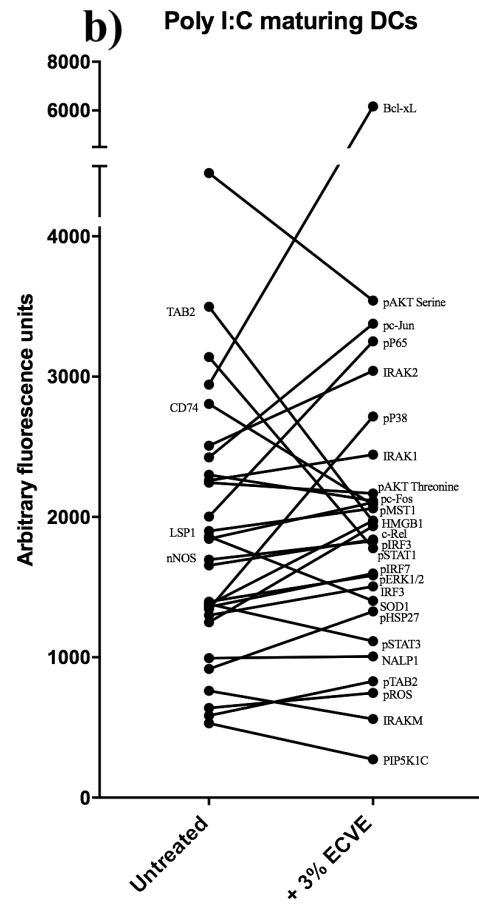
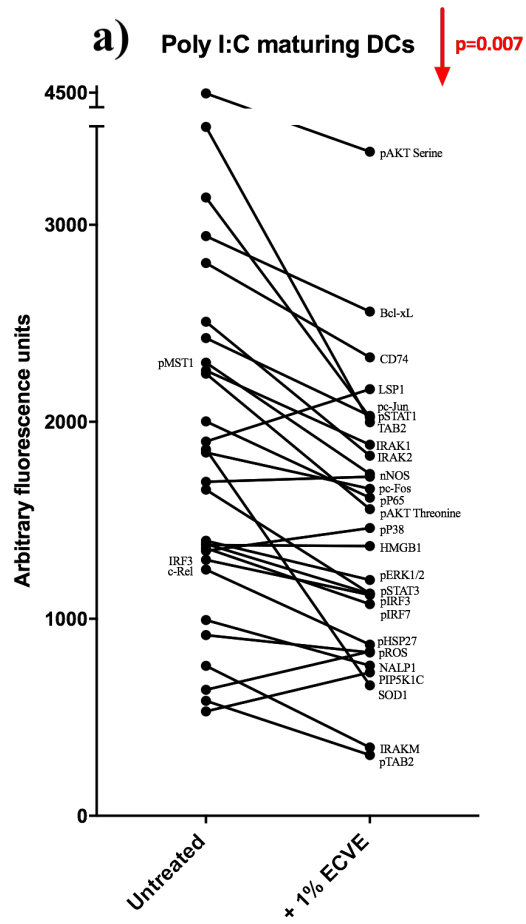


Figure 4S. The effects of ECVE-treatment on global expression of signalling molecules by poly I:C-treated DCs. Global effects on 29 signalling molecules in DCs treated with ECVE for (a, b) 30 minutes and (c, d) 24h. Data is presented as scatter plots and each dot represents the median expression of each signalling molecule from up to nine independent experiments. If data were normally distributed, one-way ANOVA was used; otherwise Freidman test was used.