

Supplementary Material

The Effects of Cobicistat and Voriconazole on the Safety, Pharmacokinetics, and Pharmacodynamics of the TLR7 Agonist Vesatolimod in People With HIV

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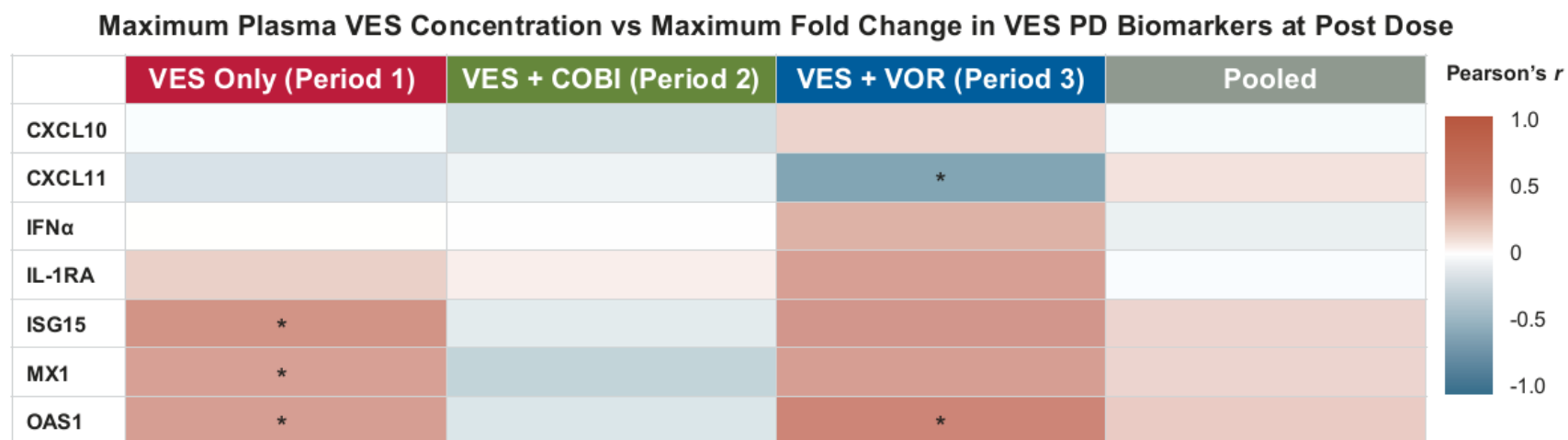
Table S1 Flow cytometry antibody panels

Name of panel	Manufacturer	Description	Clone	Catalogue number
T, B, and NK cell panel	Becton Dickinson	Multitest 6-color TBNK Reagent		662995/337166
		• FITC-labeled CD3 • PE-labeled CD16 and CD56 • PerCP-CyTM5.5-labeled CD45 • PE-CyTM7-labeled CD4 • APC-labeled CD19 • APC-Cy7-labeled CD8	SK7 B73.1, NCAM16.22D1 2D1 SK3 SJ25C1 SK1	
NK and T-cell activation panel ^a	BioLegend	Anti-CD3 PerCP-Cy5.5	UCHT1	93105
	BioLegend	Anti-CD4 FITC	RPA-T4	93104
	BioLegend	Anti-CD8 PE-Cy7	SK1	93109
	Becton Dickinson	Anti-CD14 APC-H7	MφP9	641394 (663492 for Shanghai)
	BioLegend	Anti-CD16 APC	3G8	93106
	BioLegend	Anti-CD38 BV510	HB-7	93108
	BioLegend	Anti-CD56 APC	5.1H11	93110
	BioLegend	Anti-CD69 PE	FN50	93107
	BioLegend	Anti-HLA-DR BV421	L243	93103

NK natural killer

^aSeveral of the catalogue numbers for the NK and T-cell activation panel were custom made for Labcorp (Cellmark)

Fig S1 Correlation between systemic VES log($C_{\max}$) and pharmacodynamic responses



* $P < 0.05$.

Heatmap shows r -value from Spearman correlation results; log($C_{\max}$) is natural log-transformed VES $C_{\max}$; MaxFC is maximum fold change in VES pharmacodynamics

$C_{\max}$ maximum plasma concentration, *COBI* cobicistat, *CXCL10* CXC motif chemokine ligand 10, *CXCL11* CXC motif chemokine ligand 11, *IFN α* interferon alpha, *IL-1RA* interleukin -1 receptor antagonist, *IL-6* interleukin 6, *ISG15* interferon-stimulated gene 15, *MX1* myxovirus resistance protein 1, *OAS1* 2'-5' oligoadenylate synthetase 1, *VES* vesatolimod, *VOR* voriconazole