

Table S1. Measurement of cytokines and chemokines in the blister fluid before treatment and serum at different time points (units in pg/ml)

Sample	Period	IL-1B	IL-1ra	IL-2	IL-4	IL-5	IL-6	IL-7	IL-8	IL-9	IL-10	IL-12(p70)	IL-13	IL-15	IL-17
Blister fluid Serum	Before PV treatment	900	85,115	2.7	4.6	1,963	6,411	8.5	289,450	154	74.7	207	866	3.9	30.6
	1 month after PV treatment	1.2	289	OR <	9.6	3.1	7.3	15.3	12.2	16.5	4.1	48.3	6.9	OR <	44.1
	2 years after PV treatment	1.2	190	OR <	10.5	2.9	8.8	19.0	13.6	23.7	5.8	71.4	11.4	OR <	43.8
Sample Blister fluid Serum	Before PV treatment	1.3	102	OR <	9.2	1.2	11.6	9.0	10.5	16.4	5.5	44.7	7.7	OR <	44.0
	1 month after PV treatment	IFN- $\gamma$	Eotaxin	IP-10	MCP-1 (MCAF)	MIP-1 $\alpha$	PDGF-BB	MIP-1 $\beta$	RANTES	TNF- $\alpha$	VEGF	basic FGF	G-CSF	GM-CSF	
	2 years after PV treatment	64.3	49.8	8,324	230	438	445	2,967	565	1,612	9,205	22.4	614	85.5	
Sample Blister fluid Serum	Before PV treatment	63.7	89.0	740	19.8	13.4	7,416	60	1,618	10.1	129	68.2	34.9	0.9	
	1 month after PV treatment	65.0	88.2	753	21.5	3.2	15,007	61	1,827	2.0	287	18.9	23.3	4.1	
	2 years after PV treatment	41.5	175.8	1,374	38.8	2.5	9,991	102	3,434	1.7	318	3.3	23.9	OR <	

PV: pemphigus vulgaris; OOR: out of range of measurement; VEGF: vascular endothelial growth factor; IFN: interferon; IL: interleukin; IP: interferon-gamma-induced protein; MCAF: monocyte chemoattractant activating factor; MCP: monocyte chemoattractant protein; MIP: macrophage inflammatory protein; PDGF: platelet-derived growth factor; RANTES: regulated on activation normal T cell expressed and secreted; FGF: fibroblast growth factor; G-CSF: granulocyte colony-stimulating factor; GM-CSF: granulocyte macrophage colony-stimulating factor.