

Supplementary TableS1: Association between dendritic cell density/ morphology and ocular surface symptoms/ signs examined using Spearman correlation and Mann-Whitney U test as appropriate in 60 participants with VKC, AC, and non-allergic. All 5 locations were included, therefore the level of significance was set at $p < 0.01$ (adjusted for multiple comparisons).

	Density	DC morphology			
		Cell body size	Presence of dendrites	Presence of long dendrites	Presence of thick dendrites
Dryness	$\rho=0.17$ $p=0.003$	$\rho=0.19$ $p=0.001$	$p=0.17$	$p=0.001$	$p=0.25$
Itchiness	$\rho=0.35$ $p=0.001$	$\rho=0.33$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.05$
Burning	$\rho=0.33$ $p=0.001$	$\rho=0.32$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.03$
Stinging	$\rho=0.40$ $p=0.001$	$\rho=0.38$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.012$
Watering	$\rho=0.35$ $p=0.001$	$\rho=0.28$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.02$
Redness	$\rho=0.38$ $p=0.001$	$\rho=0.36$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.013$
A need to rub eyes	$\rho=0.39$ $p=0.001$	$\rho=0.36$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.03$
AUAQ, Total symptom score	$\rho=0.37$ $p=0.001$	$\rho=0.34$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.012$
Limbal redness	$\rho=0.39$ $p=0.001$	$\rho=0.38$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.02$
Bulbar redness	$\rho=0.40$ $p=0.001$	$\rho=0.38$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.02$
Palpebral redness	$\rho=0.38$ $p=0.001$	$\rho=0.37$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.02$
Corneal epithelial disorders	$\rho=0.31$ $p=0.001$	$\rho=0.31$ $p=0.001$	$p=0.002$	$p=0.001$	$p=0.009$
Bulbar conjunctival chemosis	$\rho=0.34$ $p=0.001$	$\rho=0.34$ $p=0.001$	$p=0.001$	$p=0.001$	$p=0.002$
Palpebral conjunctival papillae	$\rho=0.30$ $p=0.001$	$\rho=0.32$ $p=0.001$	$p=0.003$	$p=0.001$	$p=0.03$
Palpebral conjunctival follicle	$\rho=0.23$ $p=0.001$	$\rho=0.18$ $p=0.003$	$p=0.04$	$p=0.001$	$p=0.85$