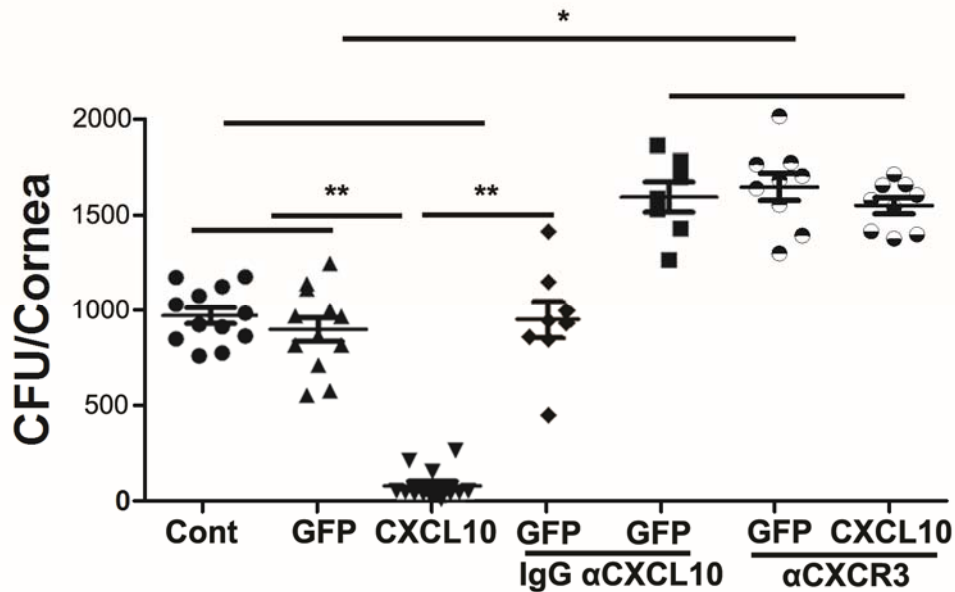


1 Supplement



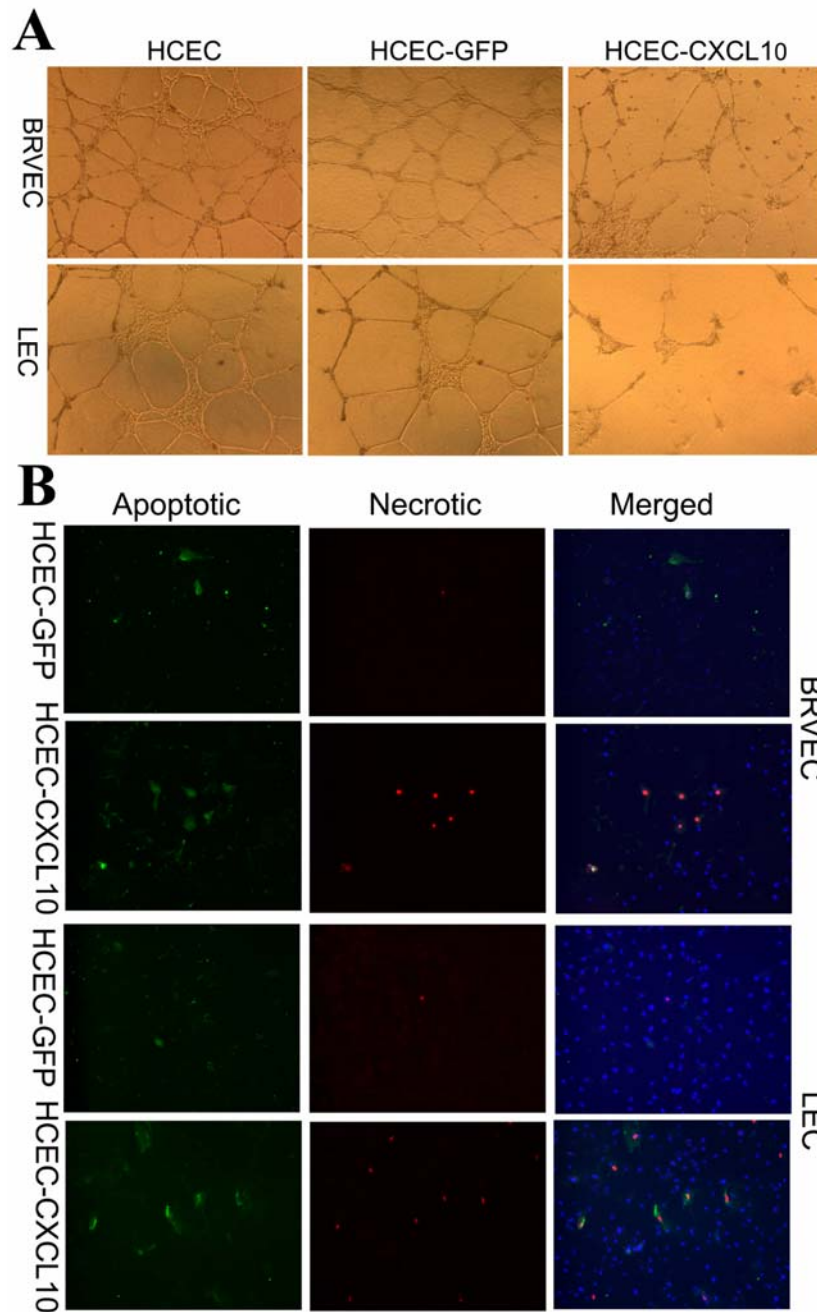
2

3 **sFigure 1. CXCL10-CXCR3-mediated signaling is required for CA clearance in the cornea.**

4 The CXCL10 or CXCR3 neutralizing antibodies, along with control rabbit IgG, were injected into
 5 subconjunctival spaces 4 h prior to AAV-GFP or CXCL10 infection for 2 weeks, followed by CA
 6 inoculation. At 1dpi, the eyes were enucleated and subjected to fungal culture by colony
 7 counting. The results are presented as the number of CFU per cornea. A nonparametric Mann-
 8 Whitney U test was performed to compare each flagellin pretreatment to the PBS group
 9 ($*P < 0.05$, $**P < 0.01$, $n = 5$). Results are representative of three independent experiments.

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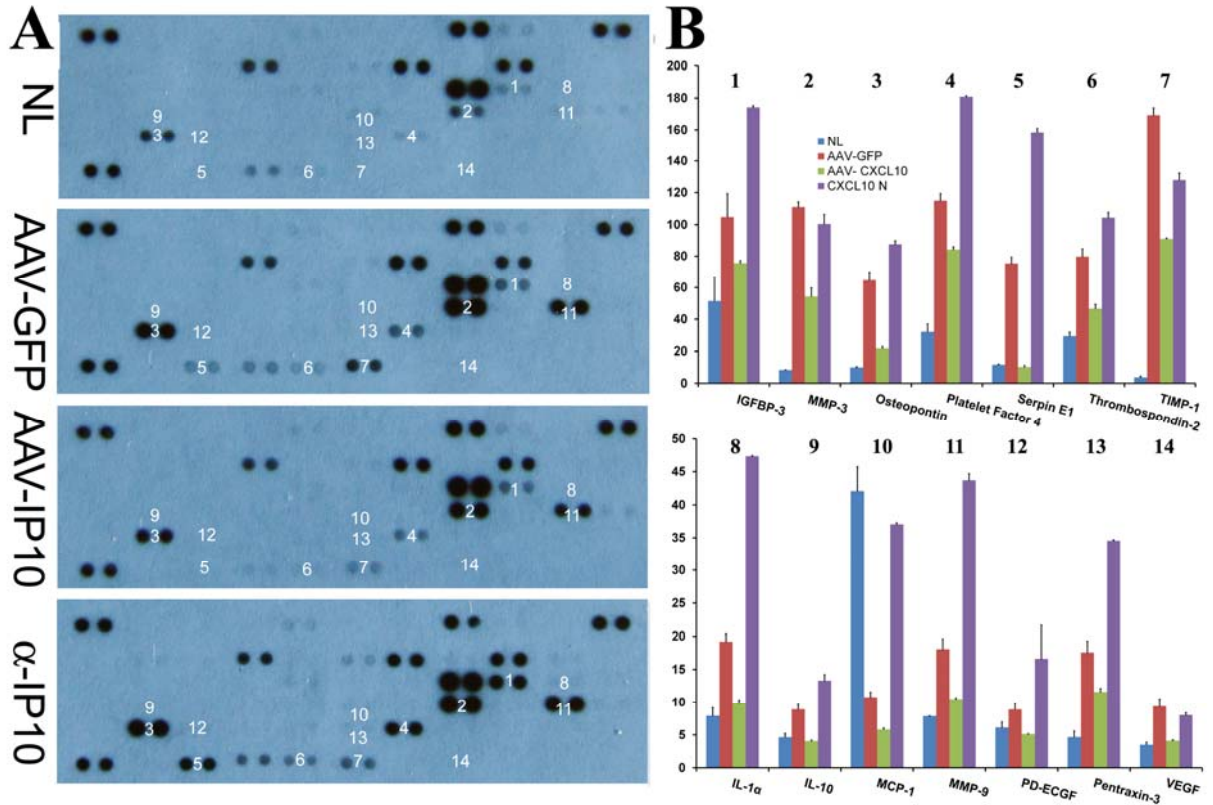
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13 **sFigure 2. CXCL10 induce apoptosis of vessel endothelial cells *in vitro*.** Human CECs
 14 were starved overnight and transfected with 1.5×10^{11} cfu of AAV2-GFP or -CXCL10. At day 3
 15 post infection, fresh medium were replaced and cells were further cultured for 1 day and media
 16 collected as conditioned media for the culture of hBRVECs or primary lymphatic endothelial
 17 cells (LECs) which were photographed by ZEISS Axiovert 200 microscope(**A**) or subjected to
 18 Annexin V and propidium iodide staining for apoptotic and necrotic cells (**B**).

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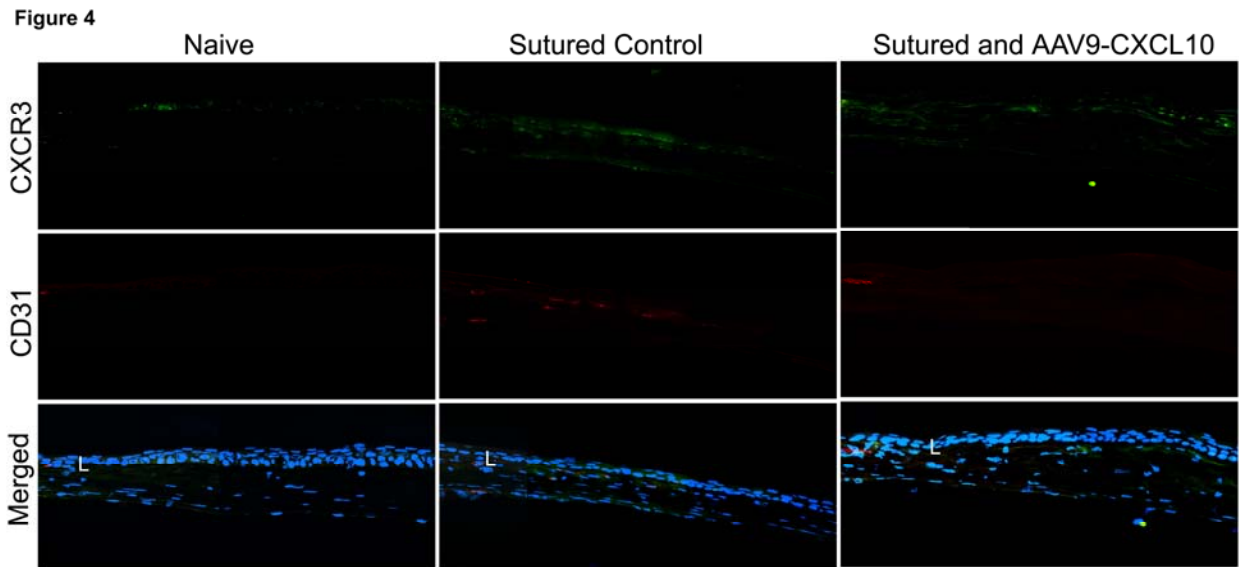


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21 **sFigure 3. Proteome array analysis of angiogenic growth factors. A.** Proteome Profiler
 22 arrays probed with extracts of AAV9-CXCL10 or AAV9-GFP transfected or anti-CXCL10 treated
 23 corneas 4 days post *C. albicans* infection; numbers indicate individual factors with detectable
 24 differences among 4 conditions. **B.** Average protein expression levels of two spots on an array
 25 were measured by using by Photoshop.

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28

29 **sFigure 4. The colocalization of CD11c and CXCR3.** C57BL/6 mouse corneas (n = 3 for each
30 condition) were infected with injected AAV-GFP or CXCL10 for 2 weeks, followed by sutured as
31 described in Figure 3, then stained with CXCR3 and CD31.

32