



Supplementary Figure 1: Examples of clinical (A, E, I, M) and histological images of patients enrolled into the trial. Clinical diagnoses were confirmed using histology. (A-D) Healthy corneas obtained from enucleated globes (see Table 1 for details) served as controls. (E-H) Corneas from patients with keratoconus were used as a second control group. (I-L) Clinical images and corresponding histological images of a herpetic scar are shown. Vessels in the cornea can also be identified histologically, here surrounded by numerous plasma cells (inset in (L)). (M-P) Clinical images and corresponding histological images of an acute bacterial keratitis are shown. A distinct massive accumulation of polymorphonuclear neutrophils (PMNs) (P) is seen in acute bacterial keratitis (M).