

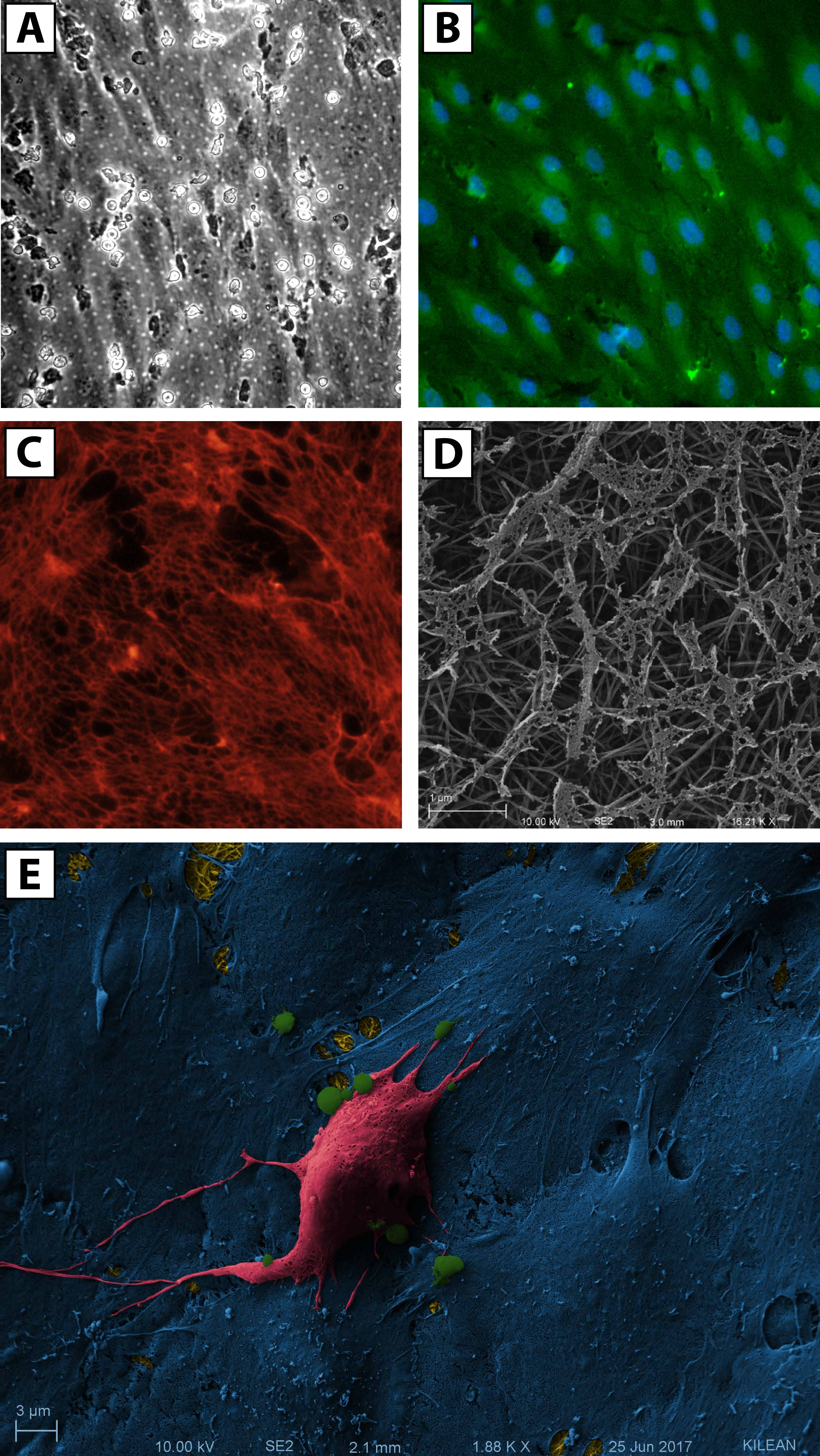


Figure 1: Multi-level imaging on silicon nanomembranes. A) Phase image of neutrophil trans-endothelial migration. B) ICC stain for basement membrane (laminin, green), cell nuclei (DAPI, blue) and C) fibronectin from cell-remodeled ECM. D) SEM of collagen-1 underneath the cell layer. E) SEM of an activated neutrophil (red) trans-migrating through HUVEC (blue) cells with collagen (yellow) visible underneath.