Description of Additional Supplementary Files

Title: Supplementary Data 1
Description: Protease expression levels in MT1-MMP knockout versus control macrophages stimulated with LPS.

Title: Supplementary Data 2
Description: Red/Green single-color fluorescent images by figure.

Title: Supplementary Movie 1
Description: 3D rotation of rat mesentery basement membrane. Laminin-stained (red) apical and reflected basal basement membrane surfaces in a 360° rotation. Depicted as a 3D-rendered confocal z-stack. Bar 20 µm.

Title: Supplementary Movie 2
Description: 3D rotation of rat mesentery interstitial matrix. Elastin (blue) with second harmonic generation of type I collagen (yellow) in a 360° rotation. Depicted as a 3D-rendered confocal z-stack. Bar 20 µm.

Title: Supplementary Movie 3
Description: Human macrophages dynamically protrude through the basement membrane. 3D confocal time-lapse view of the interstitium-facing side of the apical basement membrane (red) as human macrophages (green) actively protrude through it. Time of observation: 160 min, captured every 10 min. Playback: 6 frames/s. Bar 20 µm.