

**Figure S2**. High magnification images of actin staining with phalloidin-TRITC (red) and DAPI (cyan) in human aorta endothelial cells (HAEC) seeded on glutaraldehyde-fixed and reduced pericardium (GAPH) alone or with CS hydrogel (GAPHCS) to analyze endothelial cell health; scale bar 25  $\mu$ m. Magnification 200x.