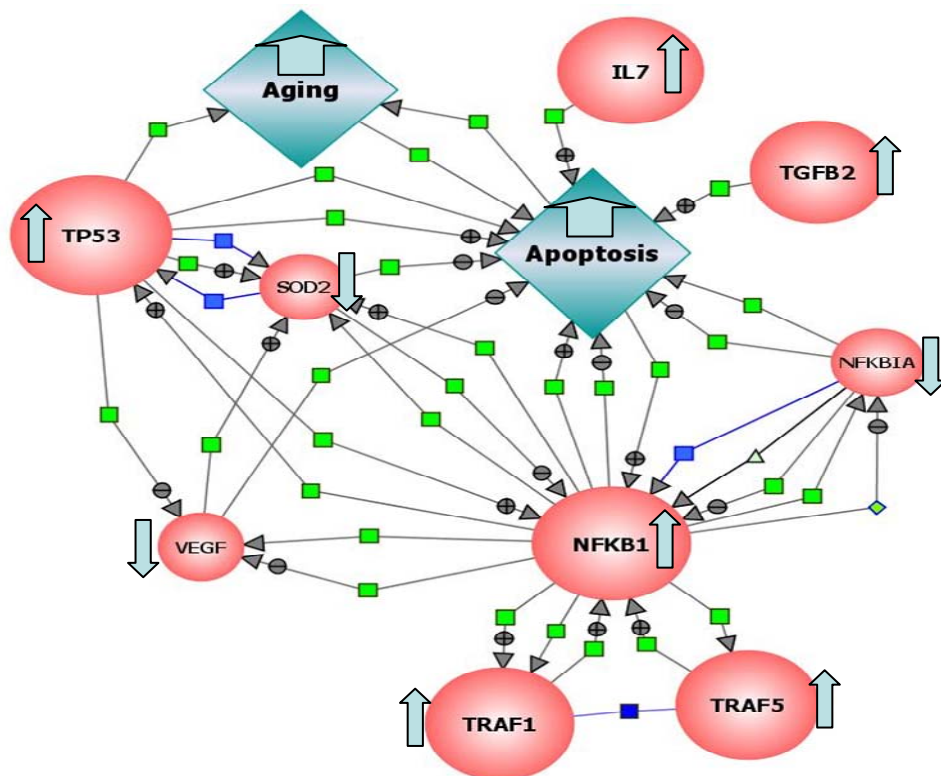


Supplementary Figure I

Computational simulation of biological interaction of differentially expressed genes in senescent endothelial cells as revealed by PathwayArchitect™. NFKBIA, nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor alpha/ I kappa B; SOD2, superoxide dismutase (SOD2); TRAF5, TNF-receptor associated factor 5; TGFB2, transforming growth factor beta 2; VEGF, vascular endothelial growth factor; TNF, tumor necrosis factor alpha. Arrows: -----|, inhibitory effect; -----+ >, enhancing effect; -----, binding effect.



Supplementary Figure II

Microscopic observation of cultured endothelial cells at passage one and passage four (Magnification X100)

Figure II

