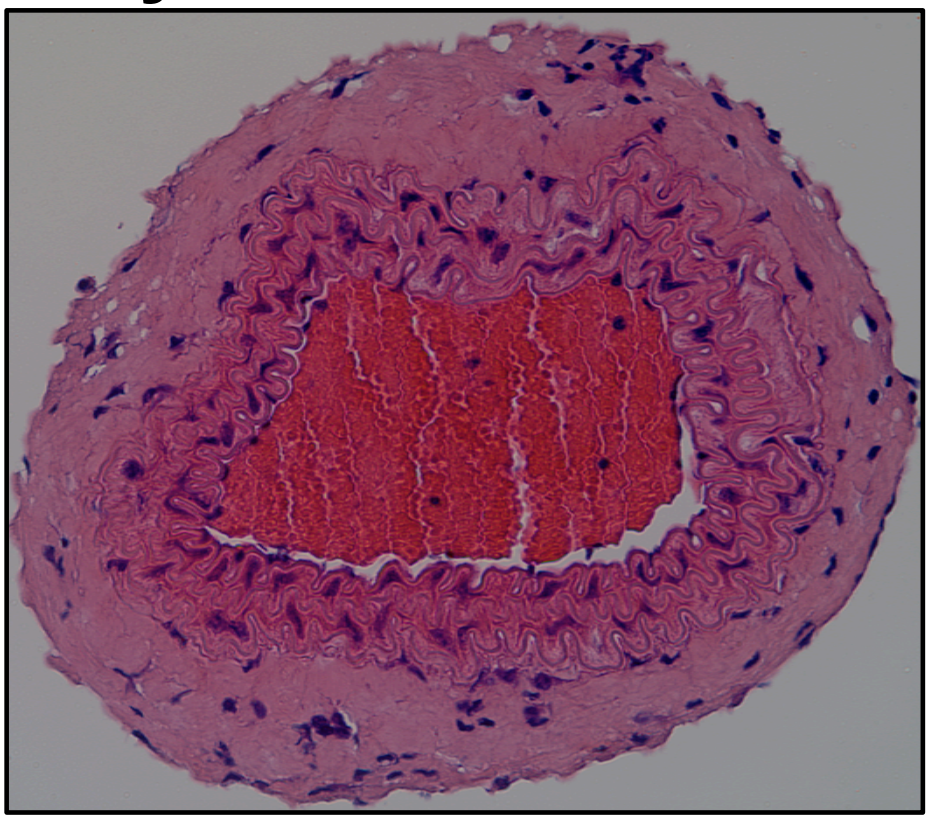
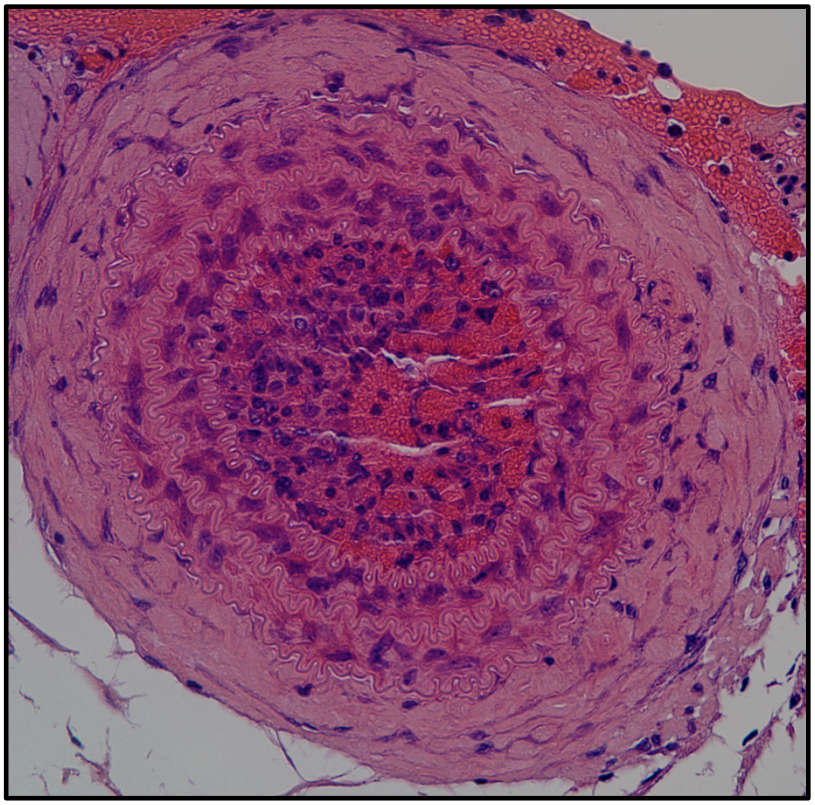
Day 1



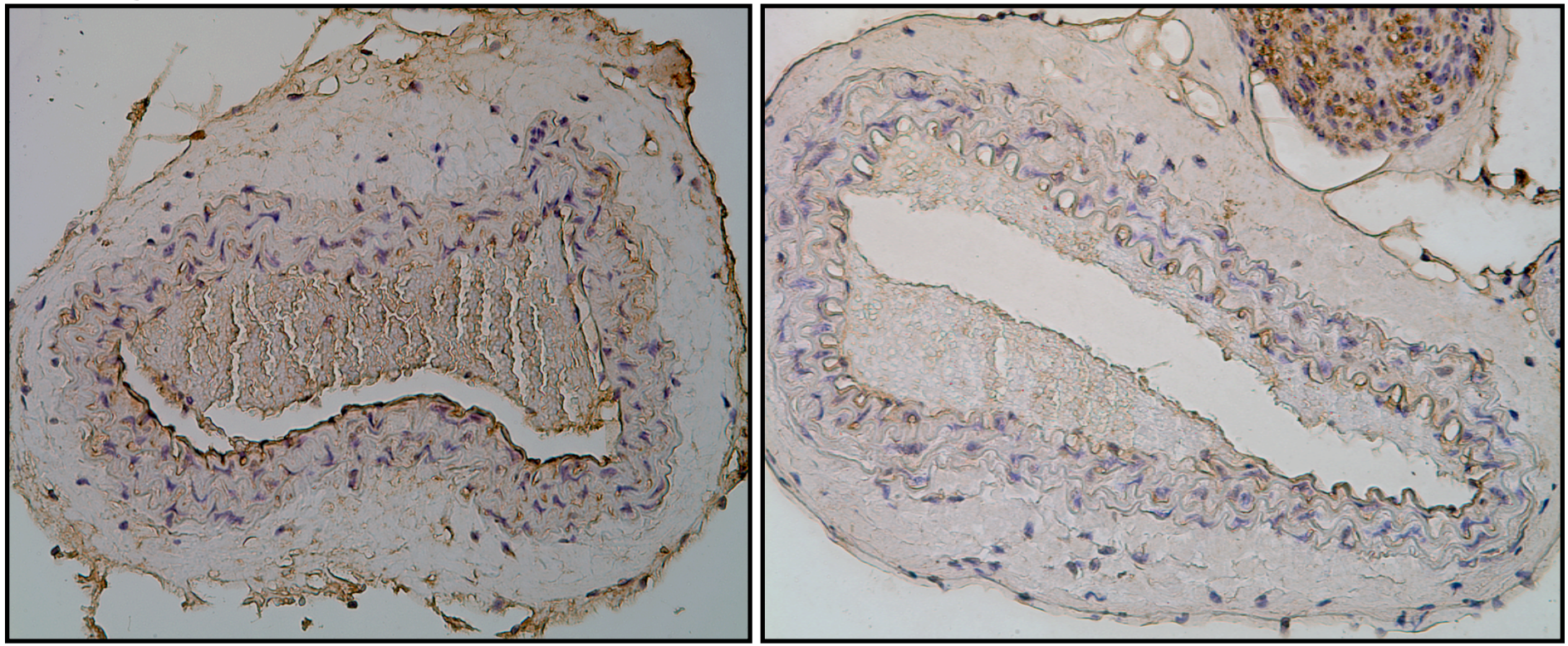
Day 9



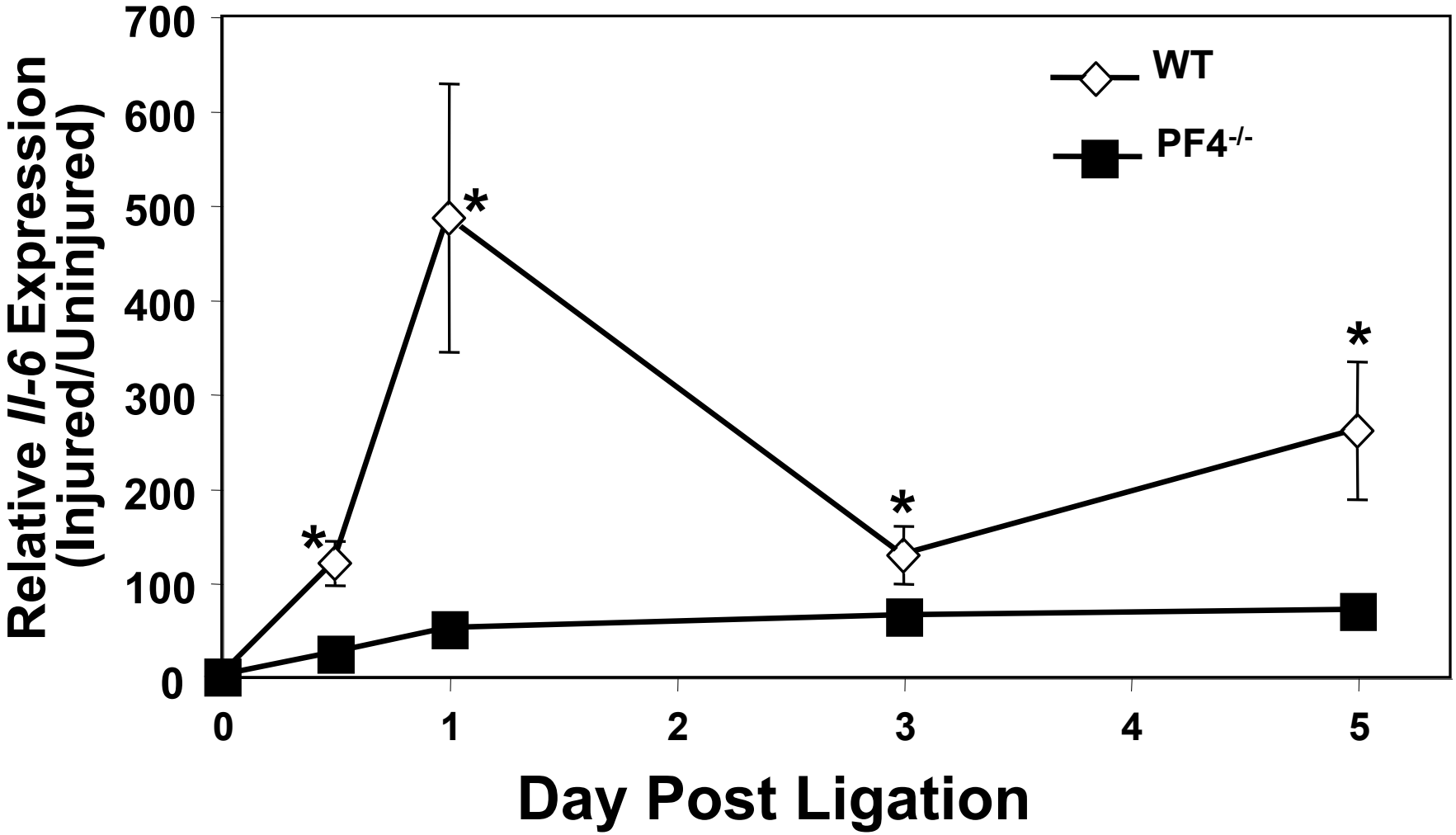
S1. Vascular changes post-ligation.

Day 1

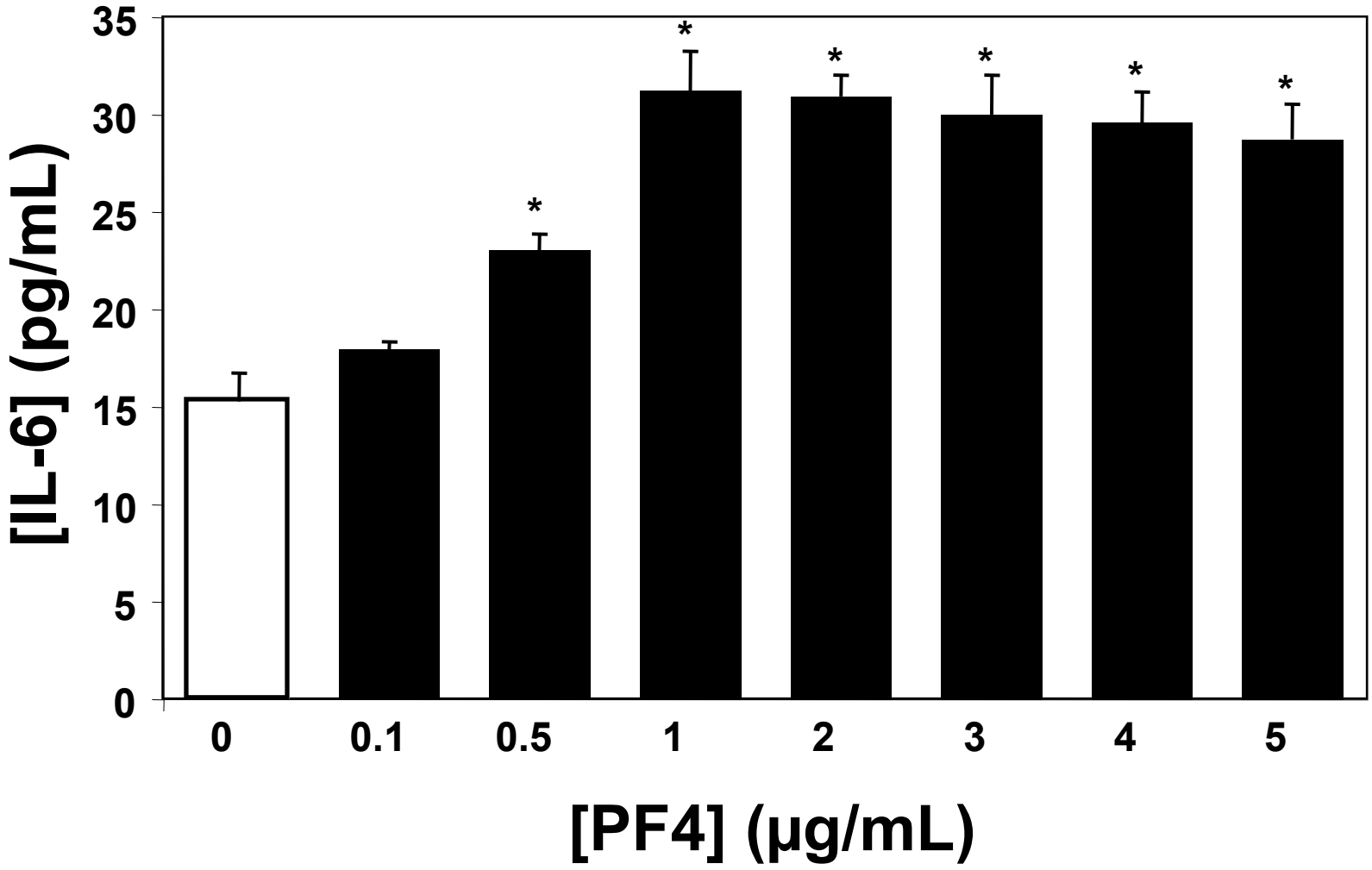
Day 9



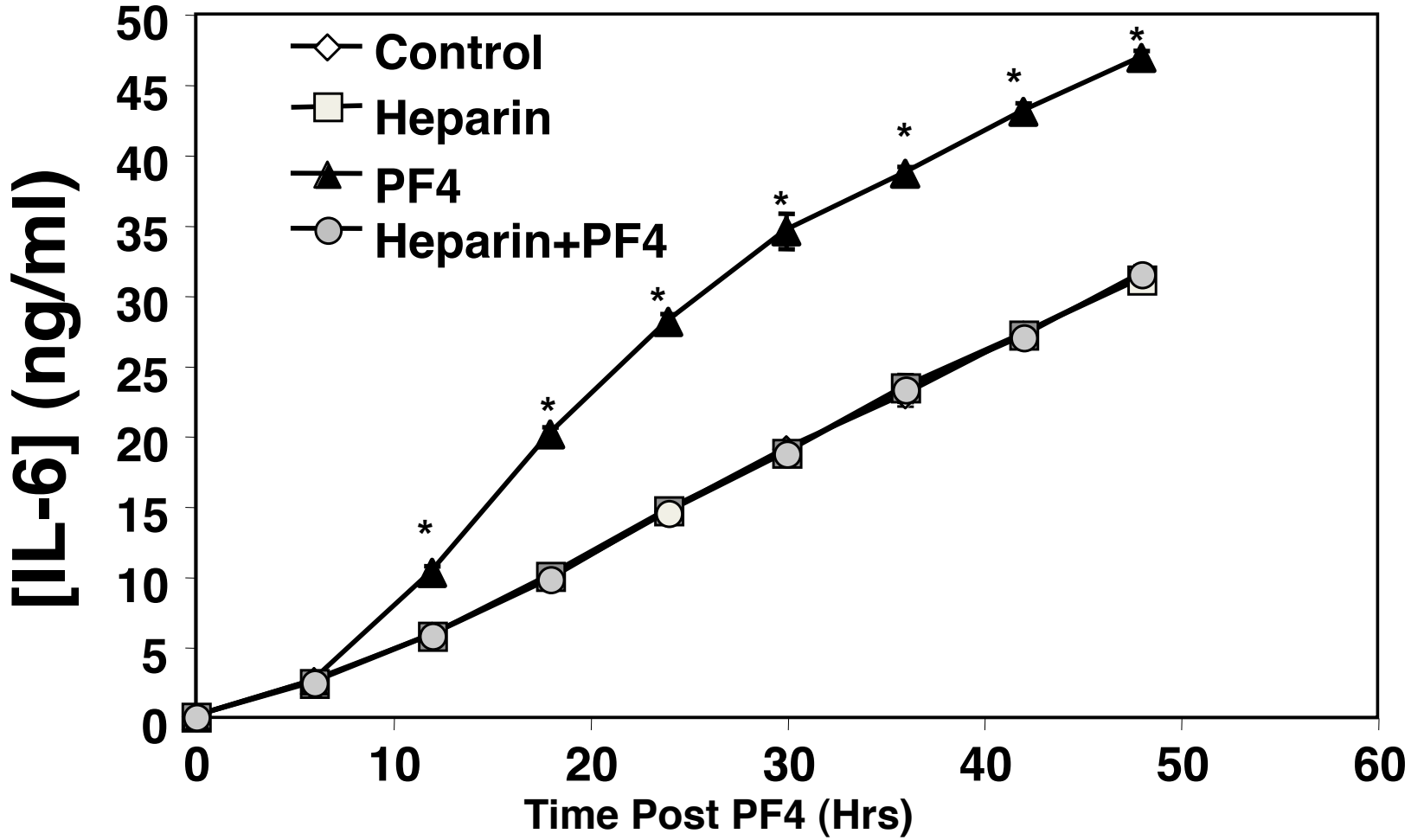
S2. Control non-ligated right carotid PF4 immunohistochemical staining.



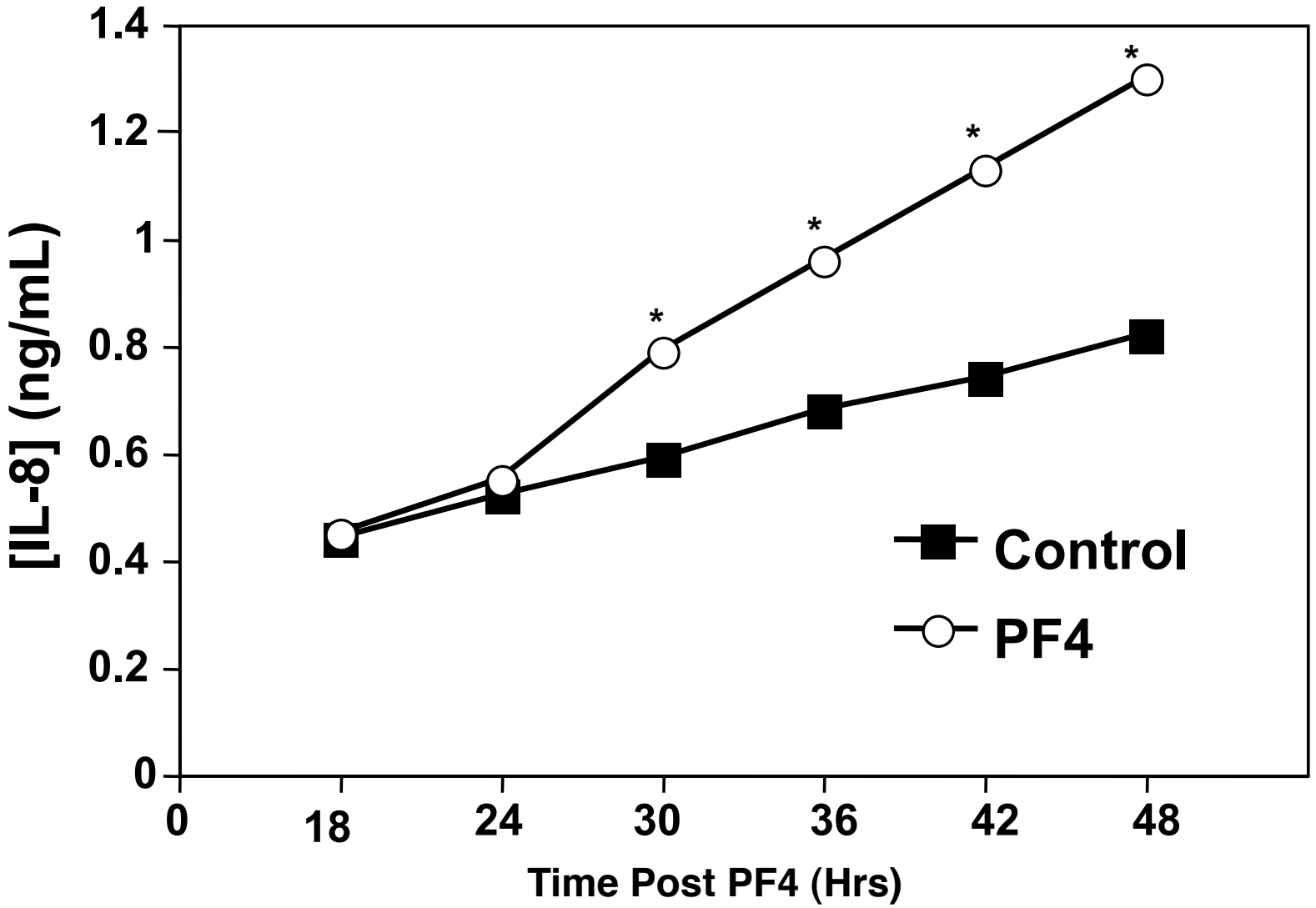
S3. Ligated carotids have increased *Il-6* mRNA expression as measured by qRT-PCR.



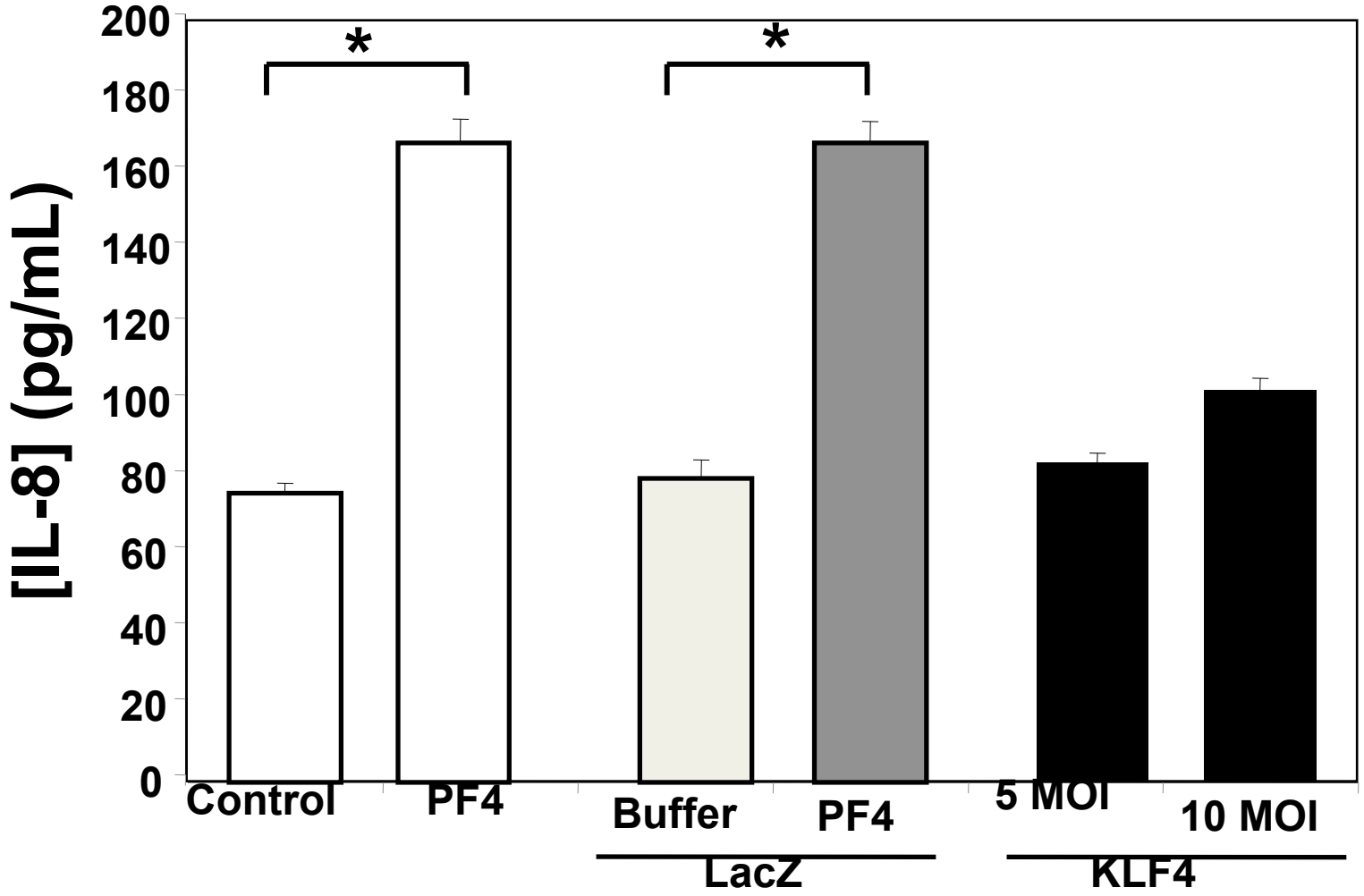
S4. High concentrations of PF4 have similar IL-6 response as those more typical of plasma concentrations (n=4±S.D.;*P<0.01 vs Control).



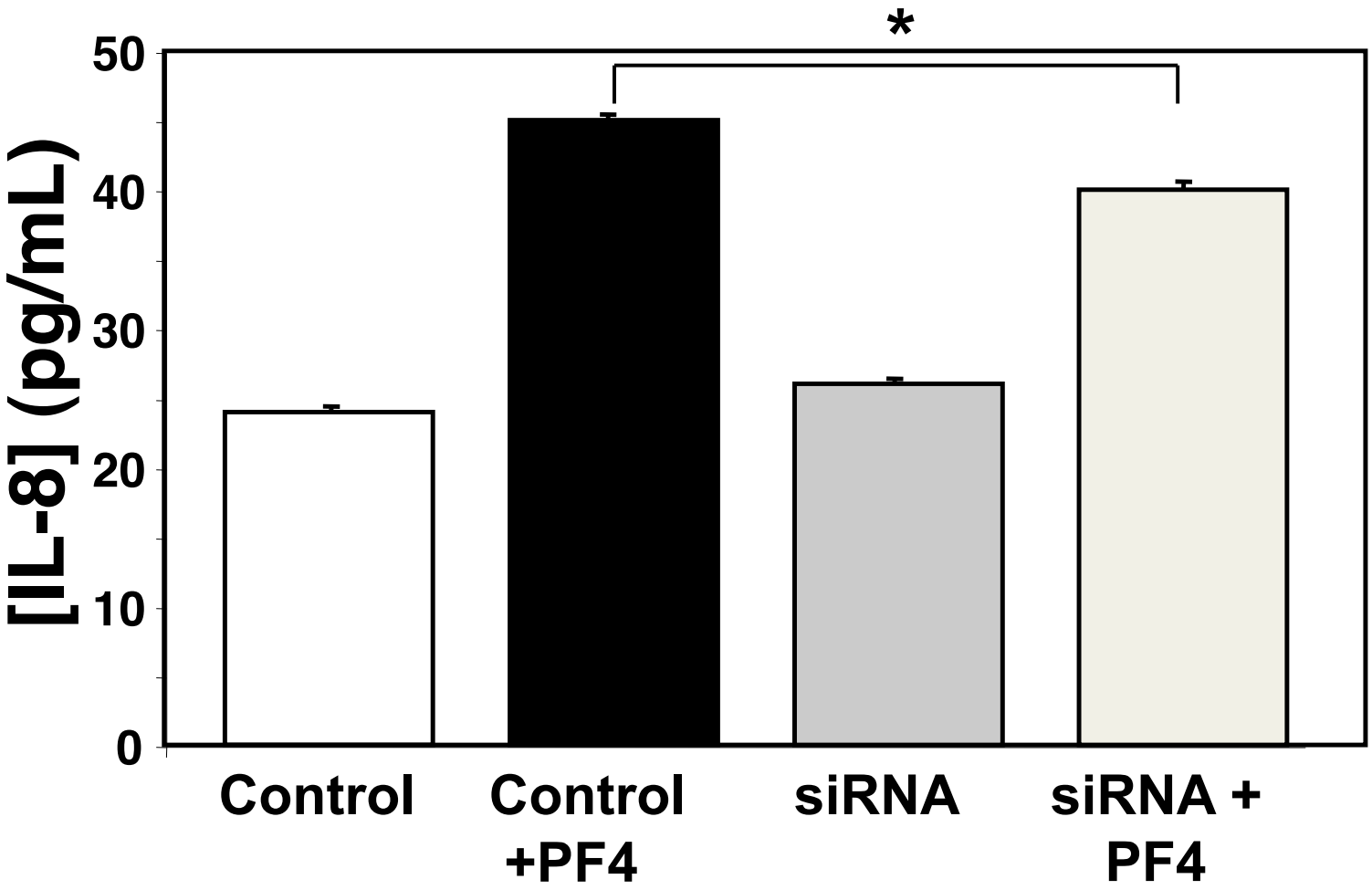
S5. PF4 response time course. VSMC were treated with 1 µg/ mL of PF4 and IL-6 measured at multiple time points(n=4±S.D.;*P<0.01 vs Control).



S6. PF4 induces IL-8 production from HCASM cells. (n=4±S.D.;*P<0.01 vs Control).



S7. HCASM cells were infected with a KLF4 adenovirus (5 and 10 MOI), a control LacZ adenovirus (10 MOI) or were null infected. Controls were also treated with buffer or PF4 (1 µg/mL). Over-expression of KLF4 did not increase IL-8 (n=3 ±S.D.).



S8. Inhibition of KLF4 expression has minimal effects on IL-8. HCASM cells were treated with scramble control siRNA or KLF4 specific siRNA prior to PF4. IL-8 was measured by ELISA (n=3 ± S.D.).