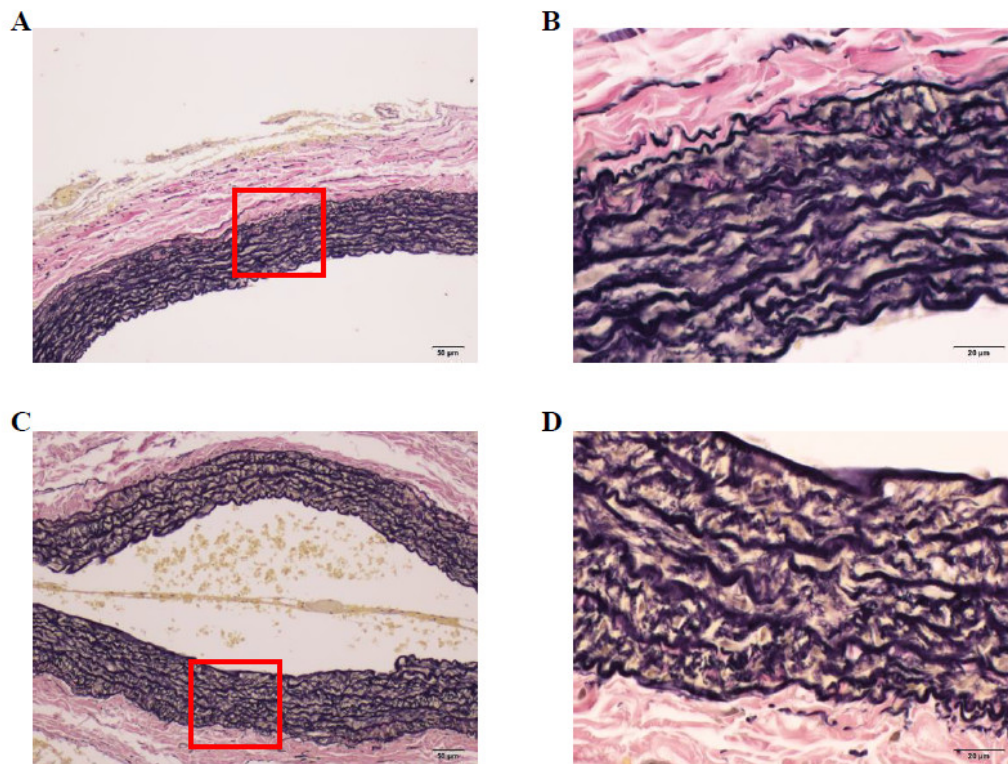
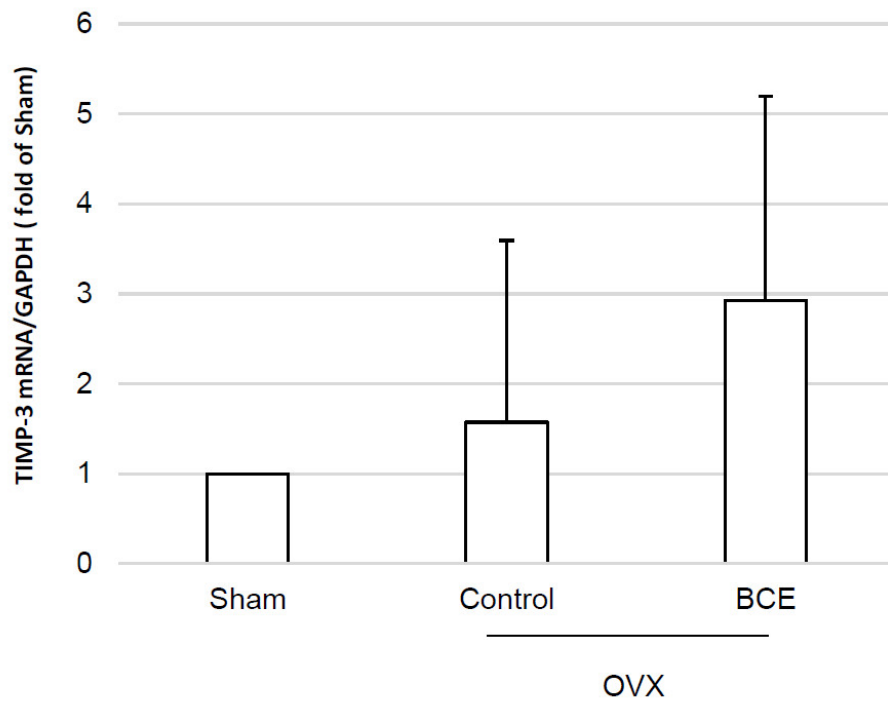


## Supplementary Files



**Supplementary Figure S1.** Representative images of structurally normal vessels at Elasticavan Giesonstain in Sham (A) and BCE (C) rats, lower magnification ( $\times 100$ , scale bar = 50  $\mu\text{m}$ ). (B,D) were higher magnification boxed area shown in panel A and C (magnification  $\times 400$ , scale bar = 20  $\mu\text{m}$ ).



**Supplementary Figure S2.** TIMP3 mRNA expression in BCE-treated OVX rats quantified by RT-qPCR. Data are shown as the mean  $\pm$  standard error of the mean of at least three independent experiments. .