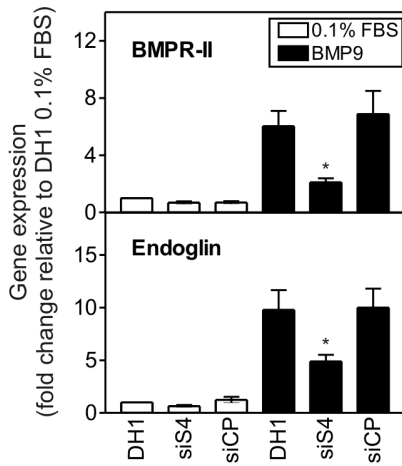
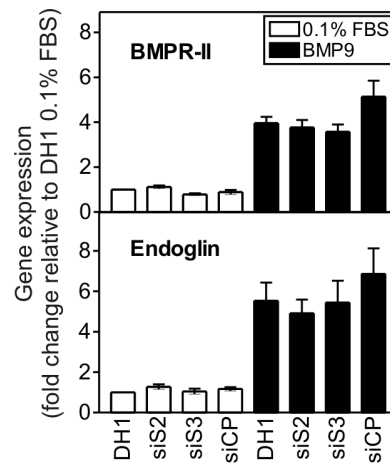


A**B**

Supplement Figure 5: BMP9 induces BMPR-II and endoglin expression via a Smad4-dependent pathway in HPAECs. (A) HPAECs were transfected with siSmad4 or siCP (15nM each) using Dharmafect1 (DH1). After 28h, cells were serum-restricted in M199/0.1% FBS (0.1%) for a further 16h, followed by treatment with BMP9 (1ng/ml) in 0.1% for 8h. Total RNA was extracted and cDNA prepared. The expression of BMPR-II and endoglin were determined using qPCR, with expression being normalized to β -actin and expressed as the fold change relative to 0.1%. Data are presented as the mean \pm SEM of 5 experiments. * P <0.05 compared to DH1 plus BMP9 (B) HPAECs were transfected with siSmad2, siSmad3 or siCP (10nM each) using Dharmafect1 (DH1) and treated as described above. Data are presented as the mean \pm SEM of 4 experiments.