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Positive cells (% total cells)

(a) Box plot of...
**VEGF-B (pg/ml)**

- **a)**
  - ND
  - T2D
  - Bars: 0, 100, 200, 300, 400, 500

**CXCL12 (pg/ml)**

- **b)**
  - ND
  - T2D
  - Bars: 0, 500, 1000, 1500, 2000

**VEGF-A (pg/ml)**

- **c)**
  - ND
  - T2D
  - Bars: 0, 200, 400, 600, 800

**FGF2 (pg/ml)**

- **d)**
  - ND
  - T2D
  - Bars: 0, 100, 200, 300, 400

**ANGPT2 (pg/ml)**

- **e)**
  - ND
  - T2D
  - Bars: 0, 50, 100, 150

**IGFBP2 (pg/ml)**

- **f)**
  - ND
  - T2D
  - Bars: 0, 5, 10, 15, 20

**SEMA6A (pg/ml)**

- **g)**
  - ND
  - T2D
  - Bars: 0, 10, 20, 30, 40

**ANGPT1 (pg/ml)**

- **h)**
  - ND
  - T2D
  - Bars: 0, 5, 10, 15, 20
(Figure a) HUVEC + ND Pericyte CM Isotype control

(Figure b) Tube length comparison between HUVEC + ND Pericyte CM and HUVEC + T2D Pericyte CM Isotype control.

(Figure c) HUVEC + ND Pericyte CM ANGPT2 blocking Ab

(Figure d) Tube length comparison between HUVEC + ND Pericyte CM ANGPT2 blocking Ab and HUVEC + T2D Pericyte CM ANGPT2 blocking Ab.
**ESM Fig. 1**

**Supplementary Figure 1. Western blot analysis of AKT.** (a) Blots showing the phosphorylation level of AKT in pericytes isolated from the BM of T2D and nondiabetic patients. Each lane corresponds to an individual cell line. (b-d) Bar graphs showing average results expressed as AKT/tubulin ratio. (e&f) Bar graphs showing average results expressed as pAKT/total AKT ratio. No significant difference was denoted in the comparison. Analysis was performed by Student’s t test.