**Figure a:** gated singlets

**Figure b:** FSC-A vs. SSC-A plot showing singlets.

**Figure c:** CD34-FITC-A vs. SSC-A plot.

**Figure d:** CD45-APC-H70 vs. SSC-A plot.

**Figure e:** PE-Cy7-A + vs. CD146-PE-Cy7-A plot.

**Figure f:** Bar graph showing 146+ cells (% of total BM-MNCs) for ND and T2D.

**Figure g:** Scatter plot showing CD34-146+ cells (% of total BM-MNCs) for ND and T2D.

**Figure h:** Scatter plot showing CD45-146+ cells (% of total BM-MNCs) for ND and T2D.

**Figure i:** Scatter plot showing CD45-146- cells (% of total BM-MNCs) for ND and T2D.
Supplementary Figure 3.

a) BrdU assay (AU) showing no significant difference between ND and T2D groups.

b) MTS assay (AU) showing no significant difference between ND and T2D groups.

c) AnnV^+ / PI^+ cells (%) total cells showing no significant difference between ND and T2D groups.

d) AnnV^+ / PI^+ cells (%) total cells showing no significant difference between ND and T2D groups.

e) FACS analysis showing no significant difference in Migrated cells (% total cells) between ND and T2D groups.

f) HUVEC alone + ND PCs + T2D PCs + ND PC CM + T2D PC CM showing no significant difference in Total tube length (µm) between ND and T2D groups.
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.