



**Supplement Fig. 3.** Schematic depiction of the proposed mechanism for PBM induced restoration of ED. PI3K: phosphoinositide 3, AKT: protein kinase B, eNOS: endothelial nitric oxide synthase, NGF: nerve growth factor, BDNF: brain-derived neurotrophic factor, NT-3: neurotrophin-3, ATP: adenosine triphosphate, VEGF: vascular endothelial growth factor, ANG1: angiopoietin 1, NO: nitric oxide.