



Supplementary Fig. 5. Lipopolysaccharide (LPS)-induced extracellular signal-regulated kinase (Erk) and c-JUN N-terminal kinase (JNK) activation reverse glucagon-like peptide-1 receptor agonists-induced inhibition in vascular smooth muscle cell (VSMC) migration. A-10 cells pre-exposed to 0.1 μ g/mL lipopolysaccharide for 1 hour are treated with 1 μ M angiotensin II (Ang II), followed by treatment with or without 100 nM exendin-4 (Ex-4), liraglutide (Lira), and dulaglutide (Dula) for 24 hours. (A) The protein expression of p-Erk and p-JNK are analyzed using Western blotting and (B, C) VSMC migration is determined using scratch wound healing assay. CON, control. ^a $P < 0.01$ when compared with the control cells, ^b $P < 0.01$ when compared with the Ang II-treated cells, ^c $P < 0.05$ when compared with each LPS-untreated groups.