



SUPPLEMENTARY FIG. S2. Transient downregulation of *C/EBP α* decreased adipogenic differentiation of hMSCs. **(A)** Equal number of cells was transfected by *siCon* or two different *siRNAs* targeting *C/EBP α* , followed by 12-day AIM treatment initiated at 24, 48, or 72 h posttransfection, and subsequently OilRedO staining and quantification. **(B)** Representative whole well images of transfected cells that were stained with OilRedO solution at the end of AIM treatment. * $P < 0.01$, ** $P < 0.05$ ($n = 3$). AIM, adipogenic inducing media; *C/EBP α* , CCAAT/enhancer binding protein alpha; hMSCs, human mesenchymal stem cells; *siCon*, *SiControl*.