



SUPPLEMENTARY FIG. S5. *Alkaline phosphatase* and *Procollagen type X* expression in differentiated DPSCs seeded on different scaffold conditions at day 10 and 21. **(A)** *Alkaline phosphatase* was significantly upregulated in DPSCs cultured on all different scaffolds compared with TCPS, but no difference was observed in *Alkaline phosphatase* expression among scaffolds. **(B)** *Procollagen type X* significantly increased in DPSCs cultured on HA-based scaffolds compared with TCPS. No difference was observed in the expression of *Procollagen type X* between TCPS and patterned scaffolds, as well as both HA-based scaffolds. Values are represented as mean \pm SD from three independent experiments ($n=3$), $*p < 0.05$ with respect to indicated groups by Student's *t*-test or one-way ANOVA.