

PDLSCs regulate angiogenesis of periodontal ligaments via VEGF transferred by exosomes in periodontitis

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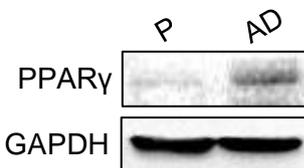
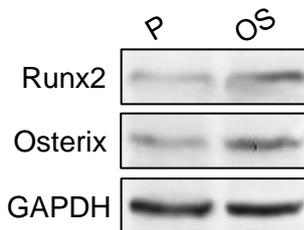
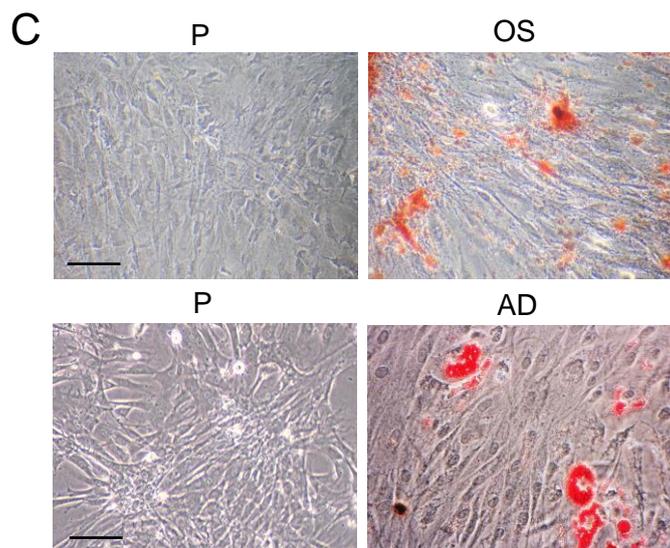
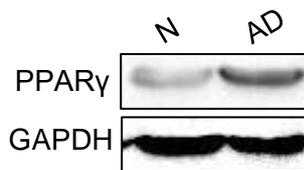
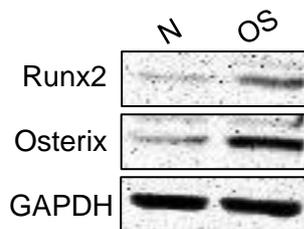
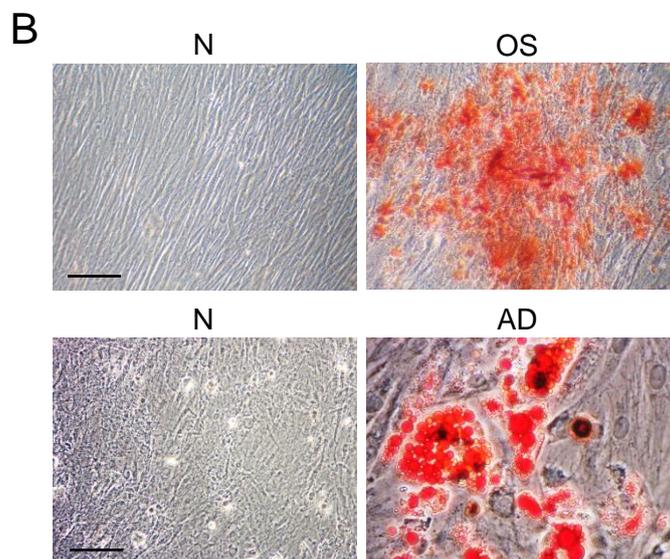
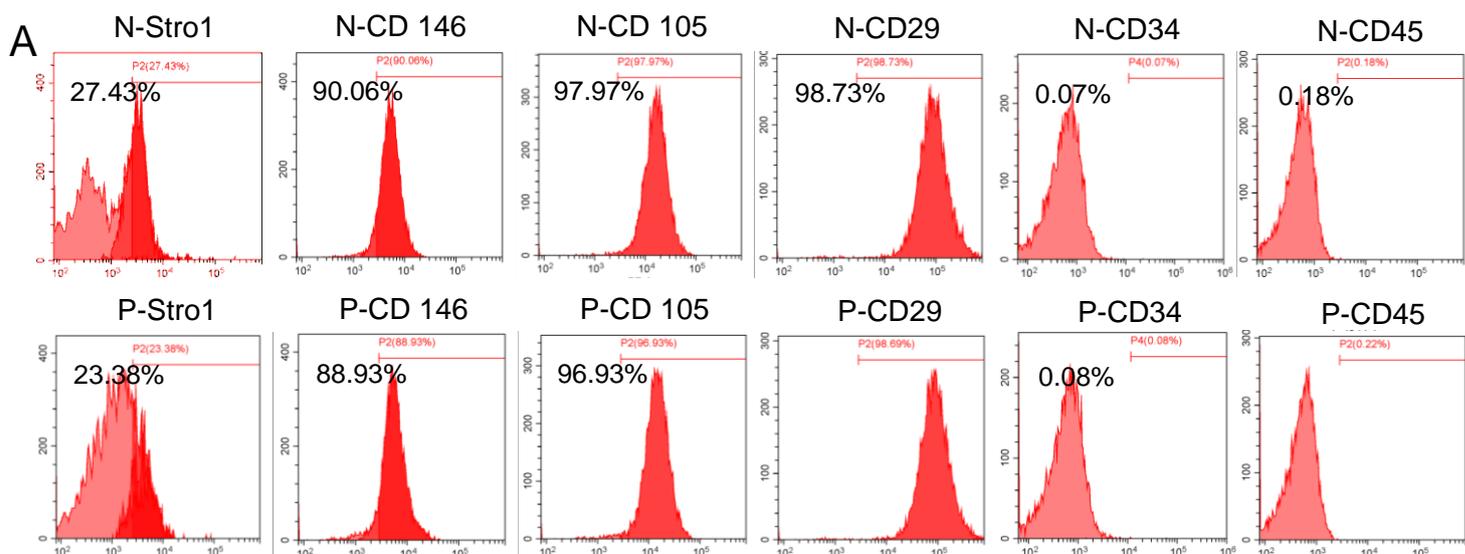


Fig.S1. Identification of PDLSCs. (A) Surface markers of PDLSCs from normal and periodontitis were analyzed using flow cytometry. Mineralized nodules, lipid droplets formation, osteogenic and adipogenic makers of PDLSCs from normal (B) and periodontitis (C) were determined by Alizarin Red staining, Oil Red O staining and western blot respectively. Scale bar = 50 μ m.

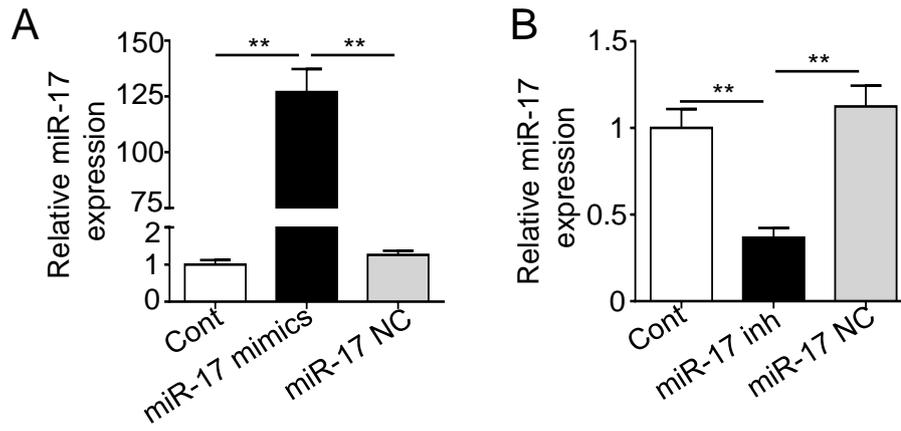


Fig.S2. The efficiency of miR-17 transfection. Efficiency of miR-17-5p mimics (A) and inhibitor (B) transfection were detected using real-time PCR. $**p < 0.01$. One-way analysis of variance (ANOVA).

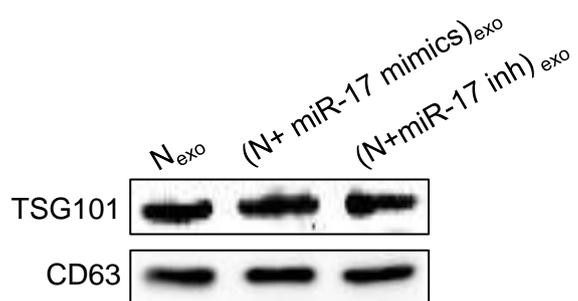


Fig.S3. Effect of miR-17-5p on exosome secretion. Exosome specific markers TSG101 and CD63 were detected after PDLSCs being transfected with miR-17-5p mimics (A) and inhibitor (B) using western blot.