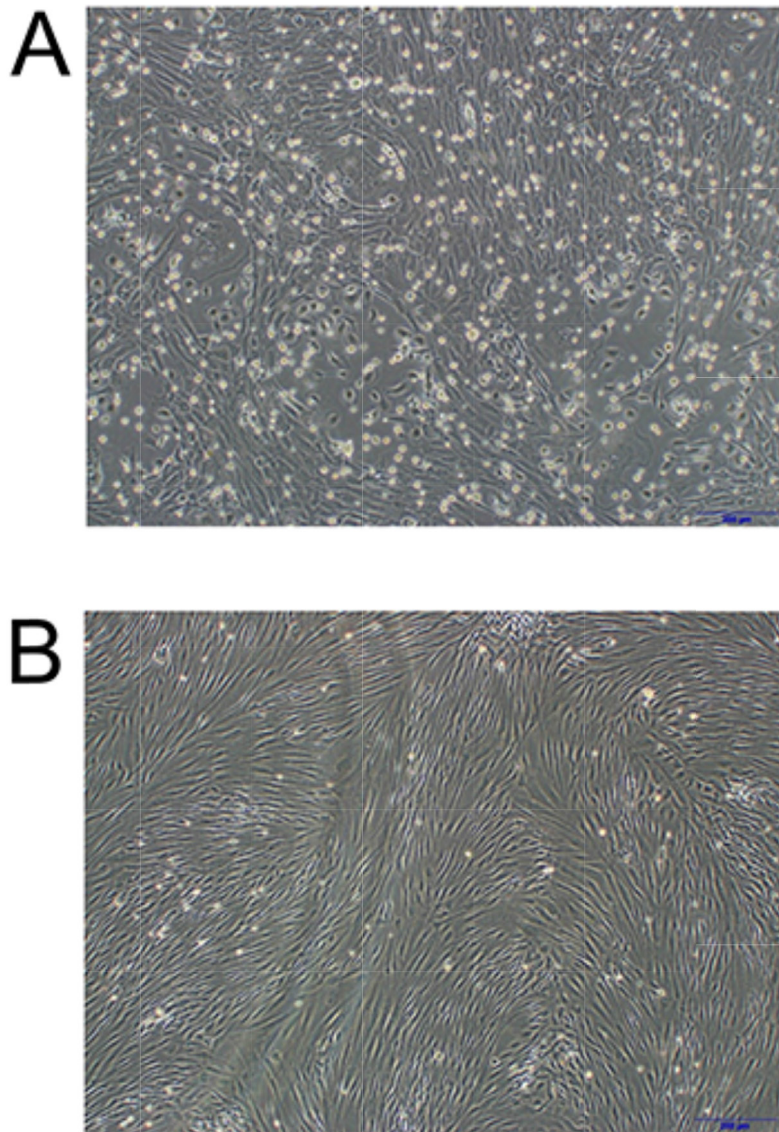
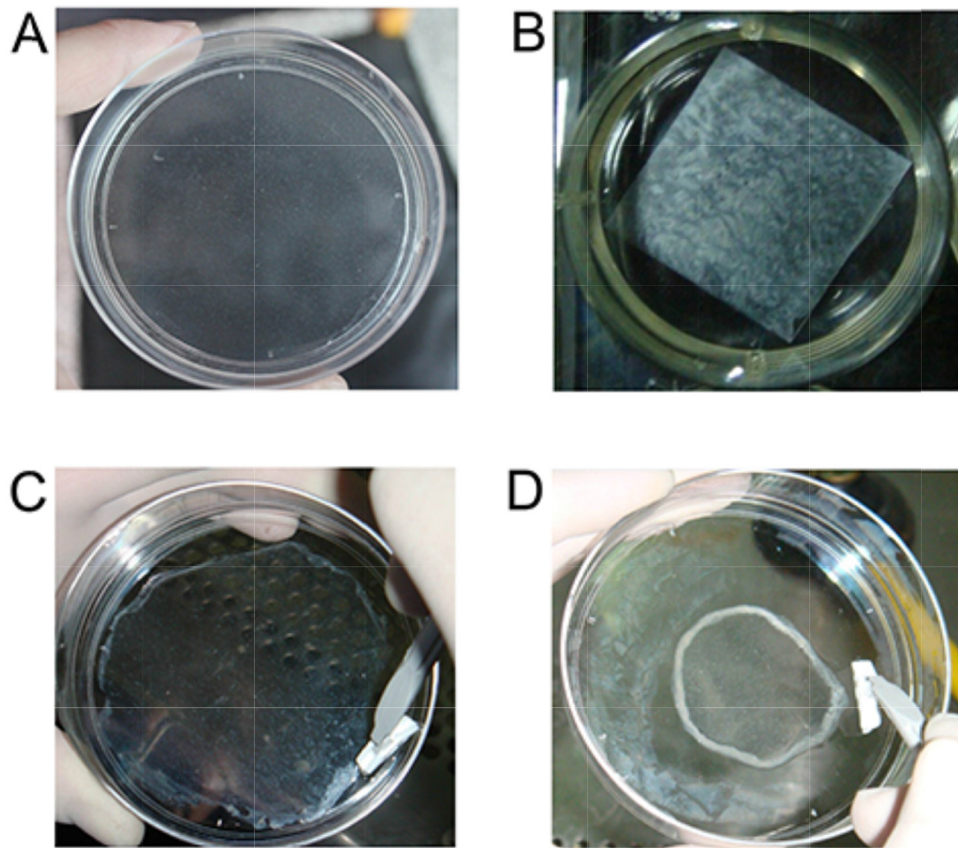


Combination of bone marrow mesenchymal stem cells sheet and platelet rich plasma for posterolateral lumbar fusion

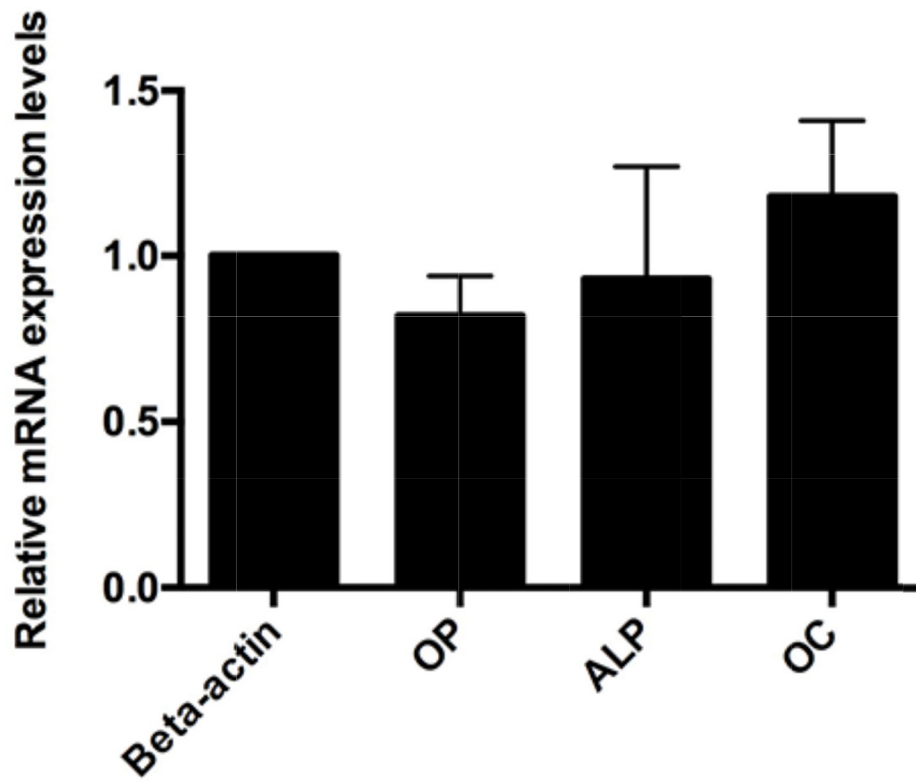
SUPPLEMENTARY MATERIALS



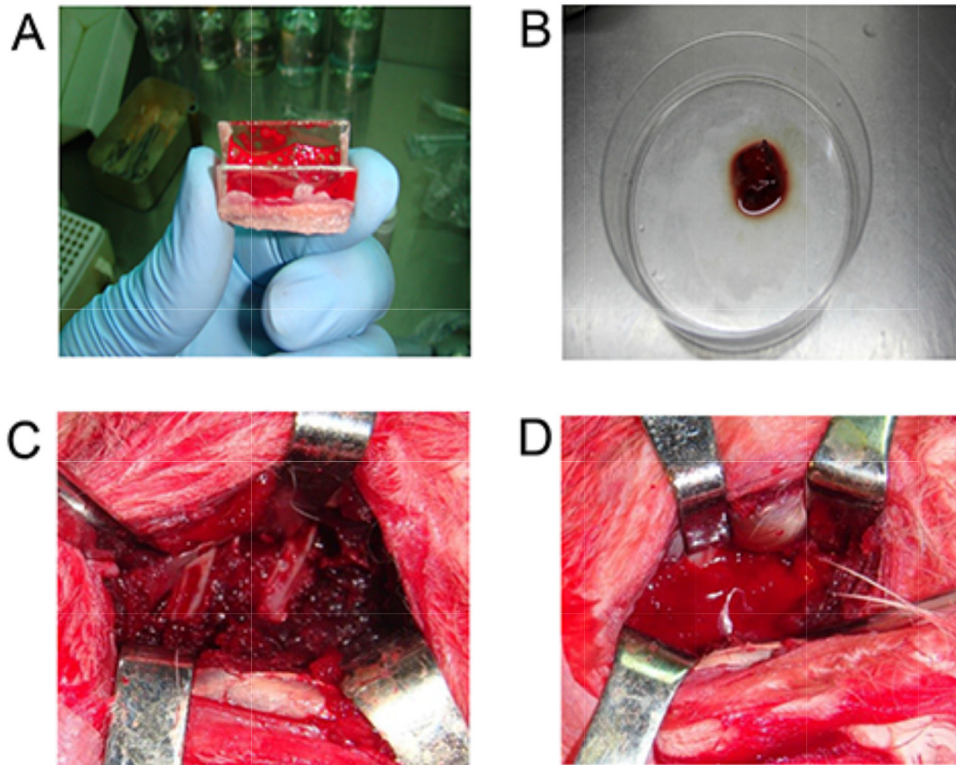
Supplementary Figure 1: Morphology of isolated BMSCs cultured for 4 days (A) and 10 days (B).



Supplementary Figure 2: Preparation of BMSCs sheet.



Supplementary Figure 3: Relative mRNA levels of OP, ALP and OC as normalized to beta-actin.



Supplementary Figure 4: Preparation of PRP and implanted biomaterials.