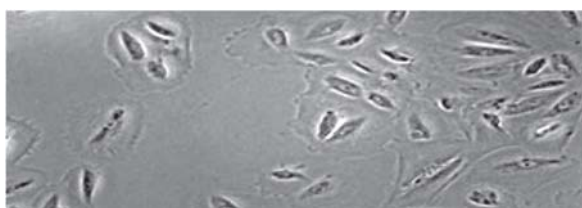
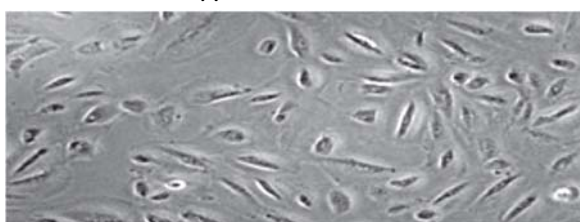


Table 1) Primer sequence used in this study

Primer	Sequence ('3-'5)	Size of Product
ALP F	GCA CCT GCC TTA CTA ACT C	161 bP
ALP R	AGA CAC CCA TCC CAT CTC	
Osc F	TCA CAC TCC TCG CCC TAT TGG	250 bP
Osc R	GAT GTG GTC AGC CAA CTC GTC A	



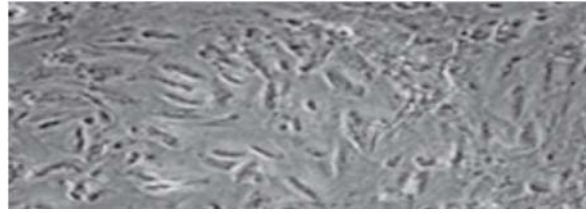
A



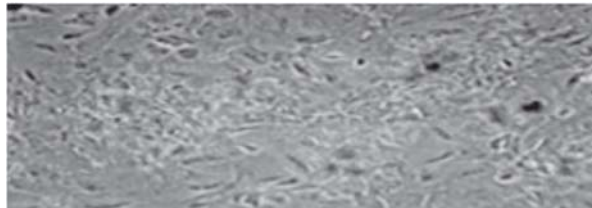
B

Figure 1) fibroblast morphology of mesenchymal stem cells from amniotic fluid resulted from staining with Alizarin Red cells

A



B



C

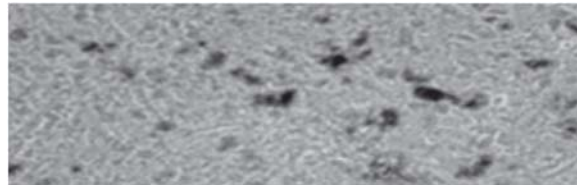
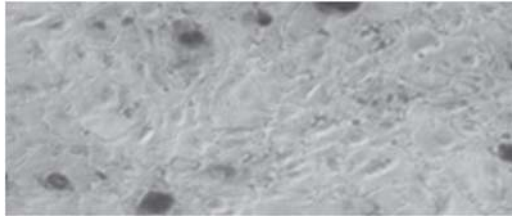
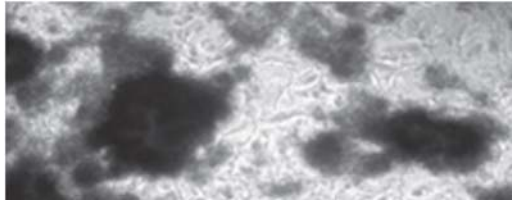


Figure 2) Mesenchymal stem cells in different days of differentiation (top to bottom, respectively), first, second, and third weeks of differentiation

A



B



C

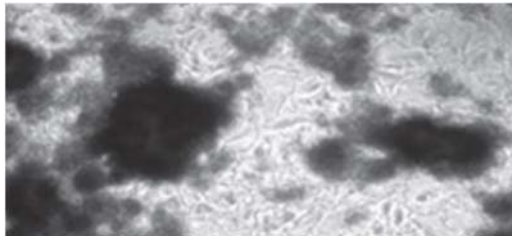


Figure 3) Alizarin red staining to confirm the differentiation of osteoblast, Section A is related to control group.

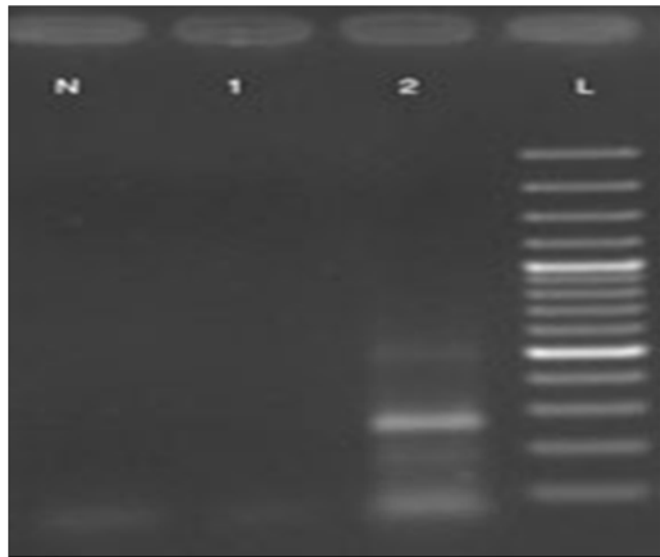


Fig. 4) RT-PCR marker results of osteocalcin (250bp)

N: negative control, 1: Amniotic fluid stem cells, 2: Osteoblast

L: Ladder 100bp

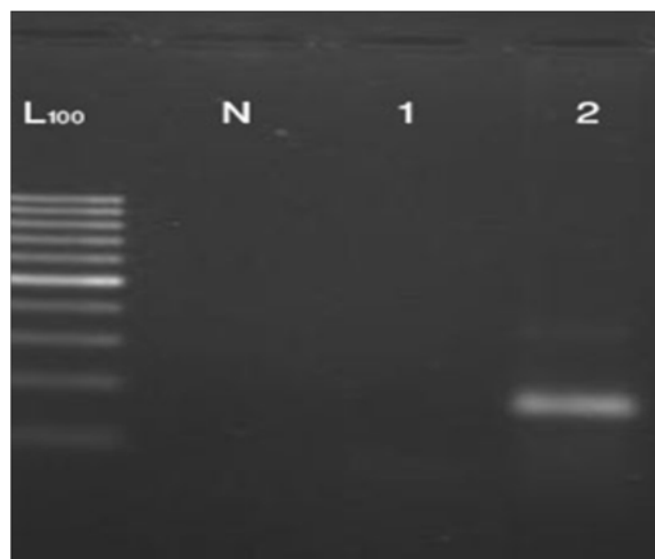


Figure 5) RT-PCR marker of Alkaline Phosphatase (161bp)

N: negative control, 1: Amniotic fluid stem cells, 2: Osteoblast

L: Ladder 100bp