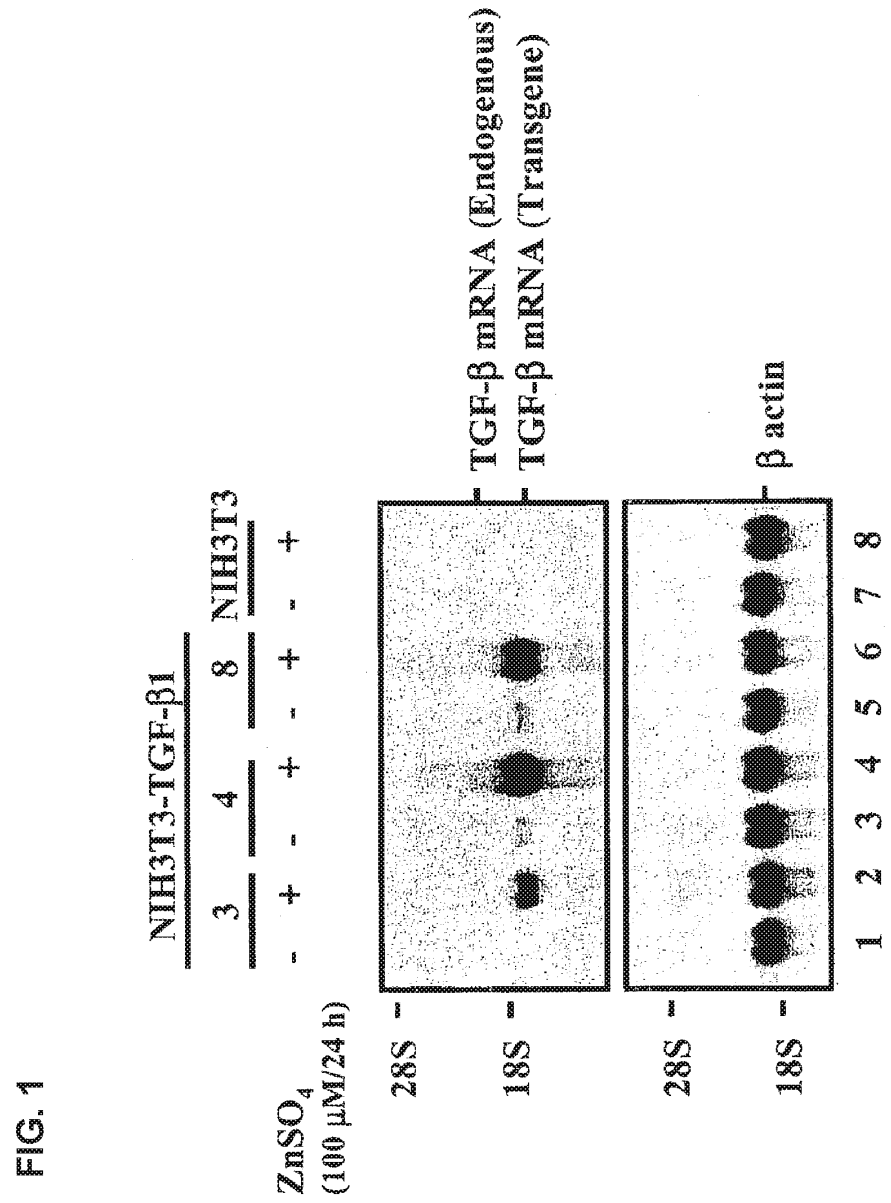
FIG. 1


NIH3T3-TGF-β1
3
4
8
NIH3T3
- + - + - + - +
ZnSO4
(100 μM/24 h)
TGF-β mRNA (Endogenous)
TGF-β mRNA (Transgene)
β actin
28S
18S
28S
18S
1 2 3 4 5 6 7 8

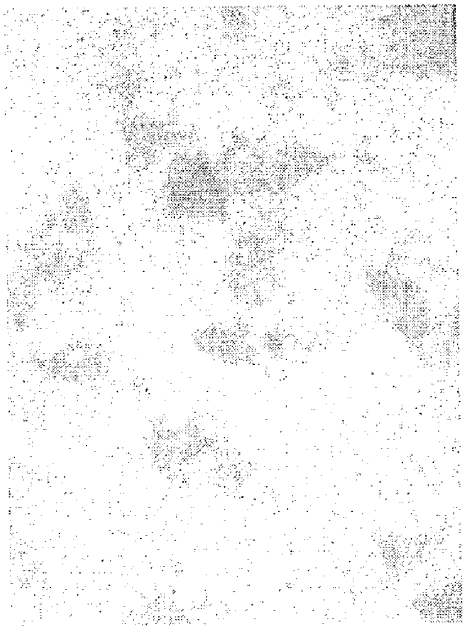


FIG. 2B

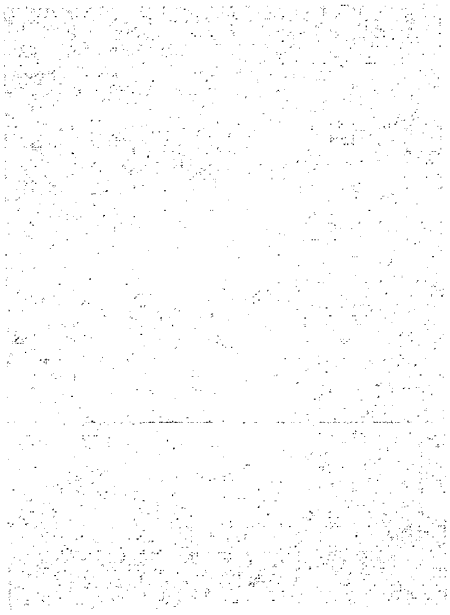


FIG. 2A

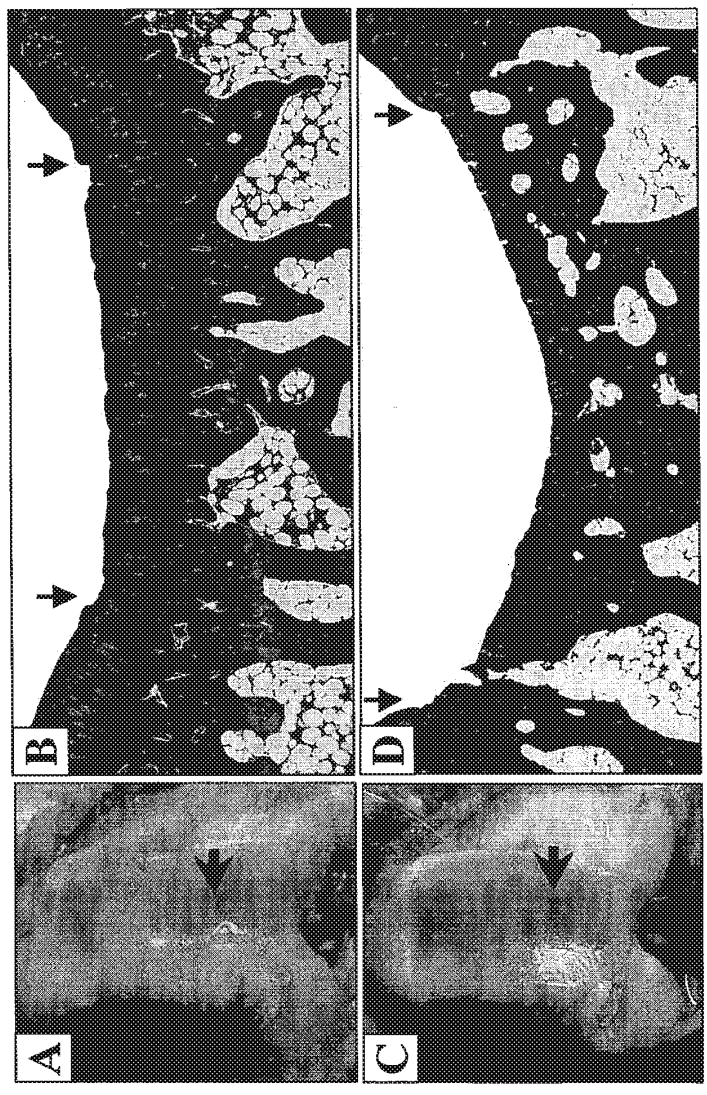
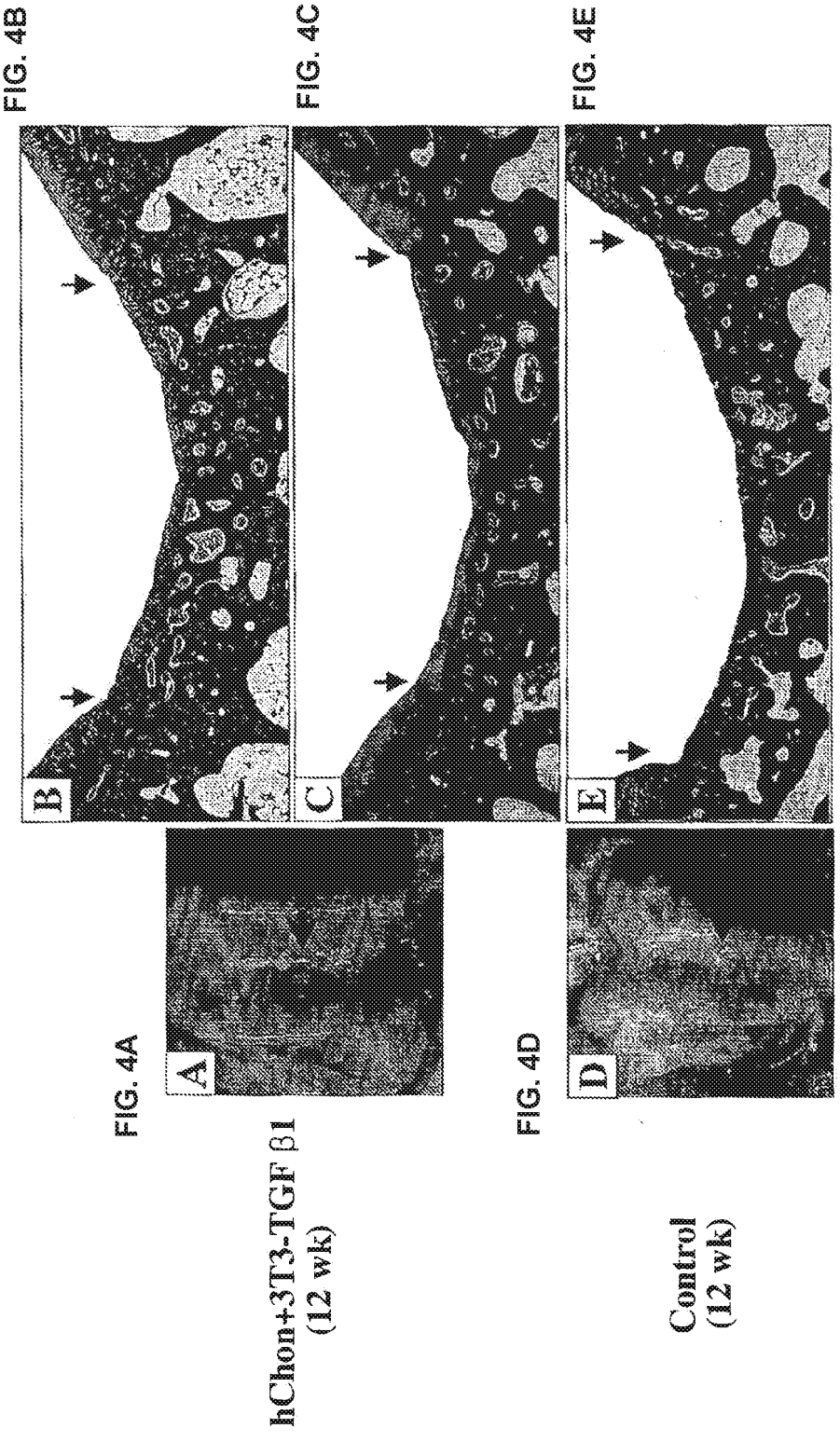


FIG. 3A FIG. 3B

FIG. 3C FIG. 3D


FIG. 4B
FIG. 4C
FIG. 4E
B
C
E
A
D
FIG. 4A
FIG. 4D
hChon+3T3-TGF β1
(12 wk)
Control
(12 wk)

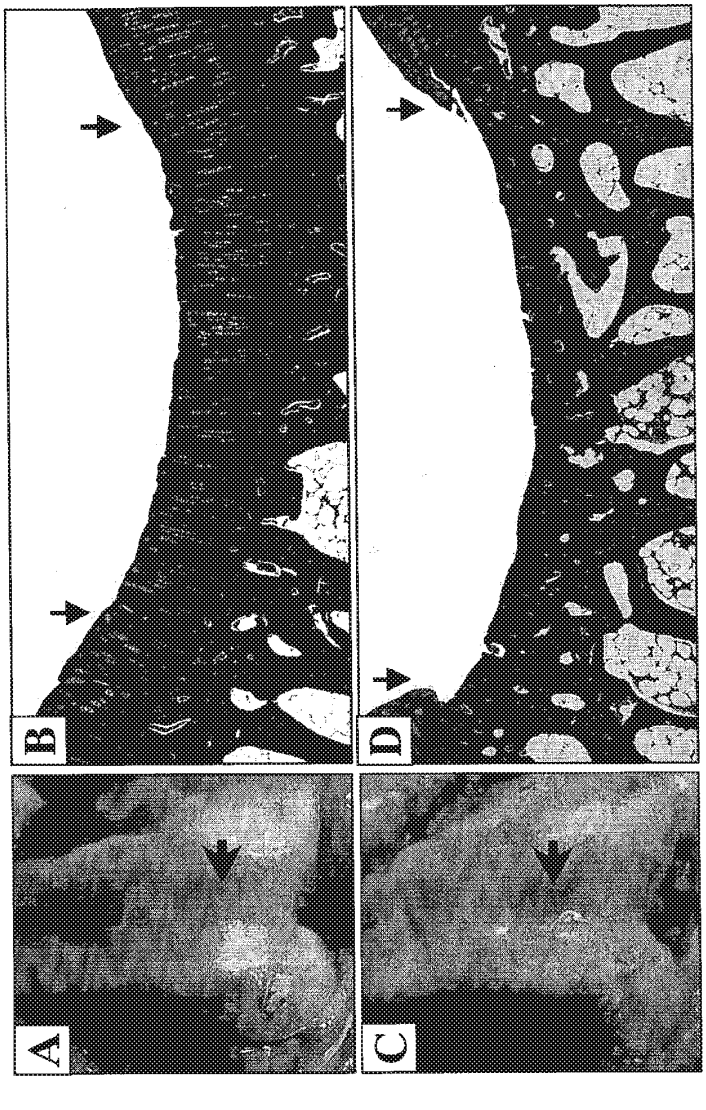
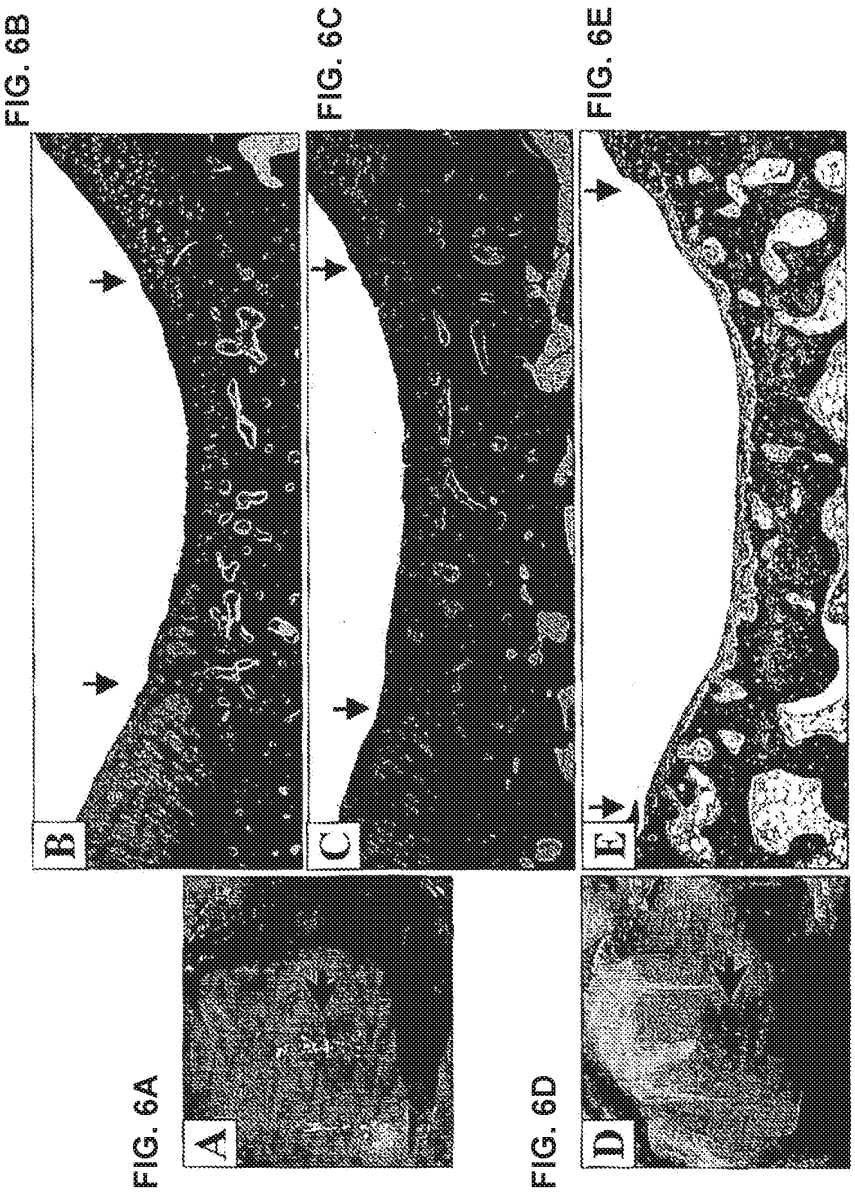


FIG. 5A FIG. 5B

FIG. 5C FIG. 5D


FIG. 6B
FIG. 6C
FIG. 6E
B
C
E
FIG. 6A
FIG. 6D
A
D
hChon+3T3-hBMP2
(6 wk)
Control
(6 wk)

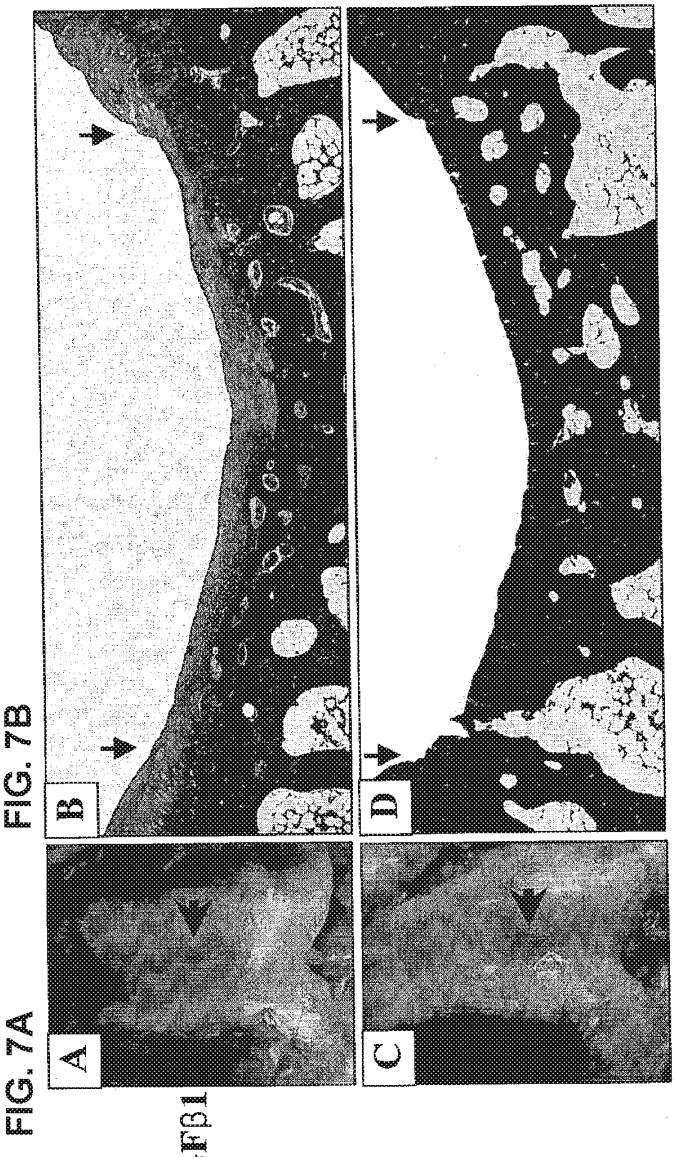


FIG. 7A FIG. 7B

FIG. 7C FIG. 7D

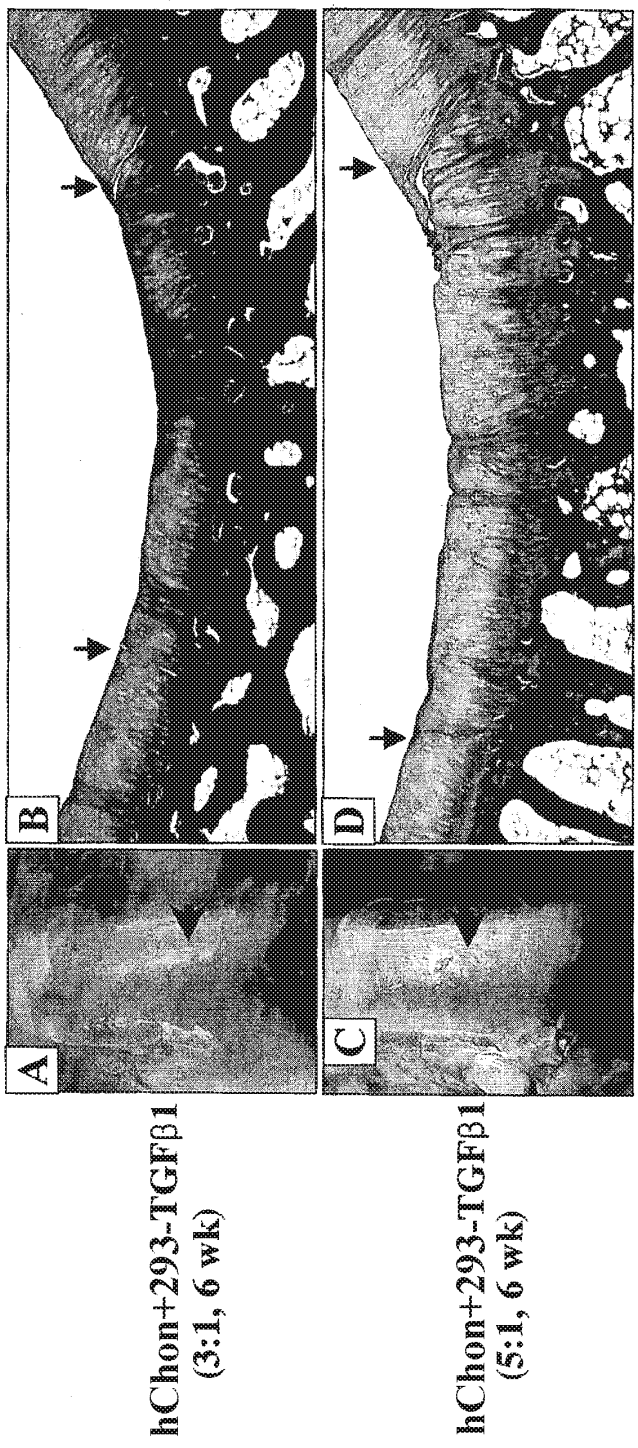


FIG. 8A FIG. 8B

FIG. 8C FIG. 8D