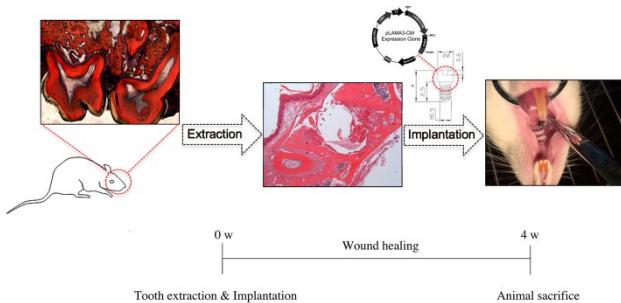
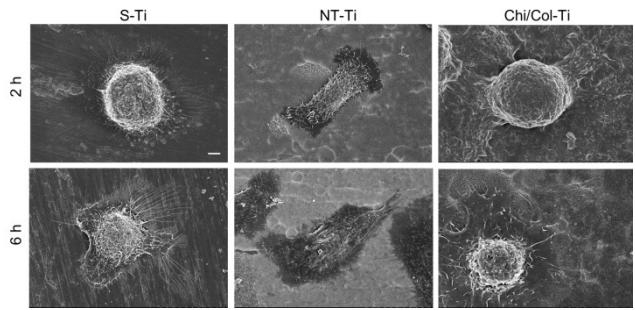


## Supplementary Figures



**Fig. S1.** Schematic illustration of the extraction of the upper first molar (right) from Sprague-Dawley (SD) rats followed by immediate implantation.



**Fig. S2.** Representative SEM images of hGECs seeded on S-Ti, NT-Ti, and Chi/Col-Ti sheets for 2 h and 6 h (scale bar = 4  $\mu$ m).