

## Supplementary Information

# Dual-Functional Nano-Functionalized Titanium Scaffolds to Inhibit Bacterial Growth and Enhance Osteointegration

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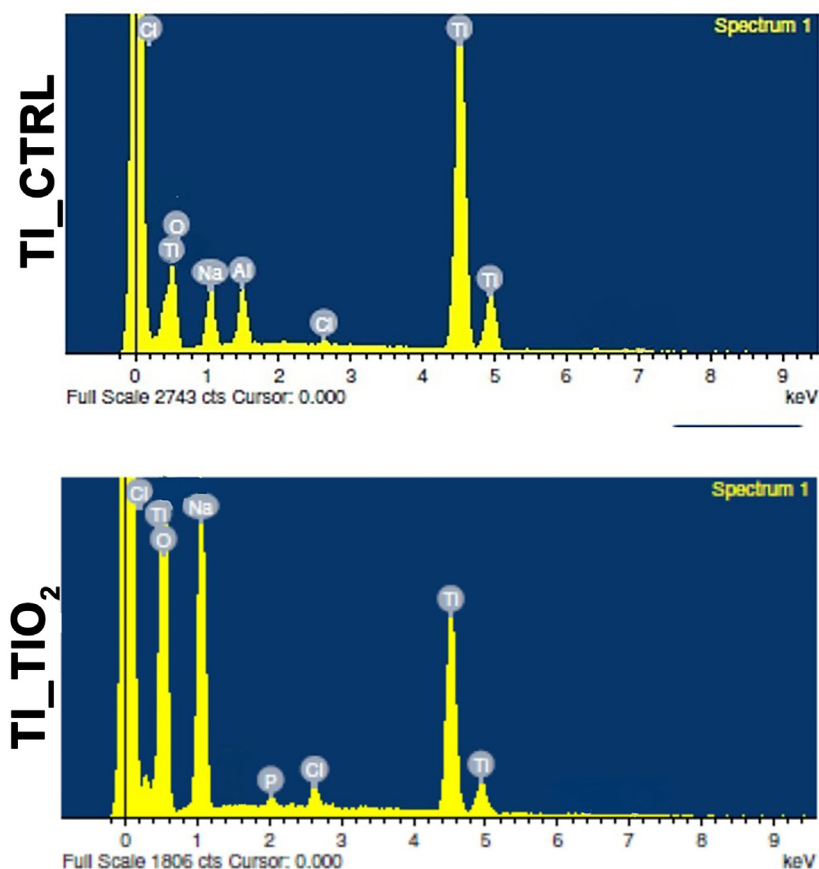
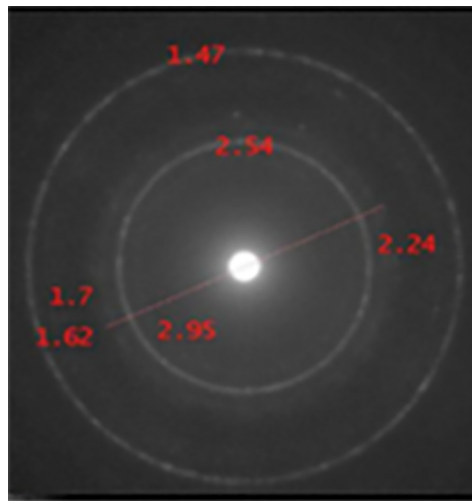
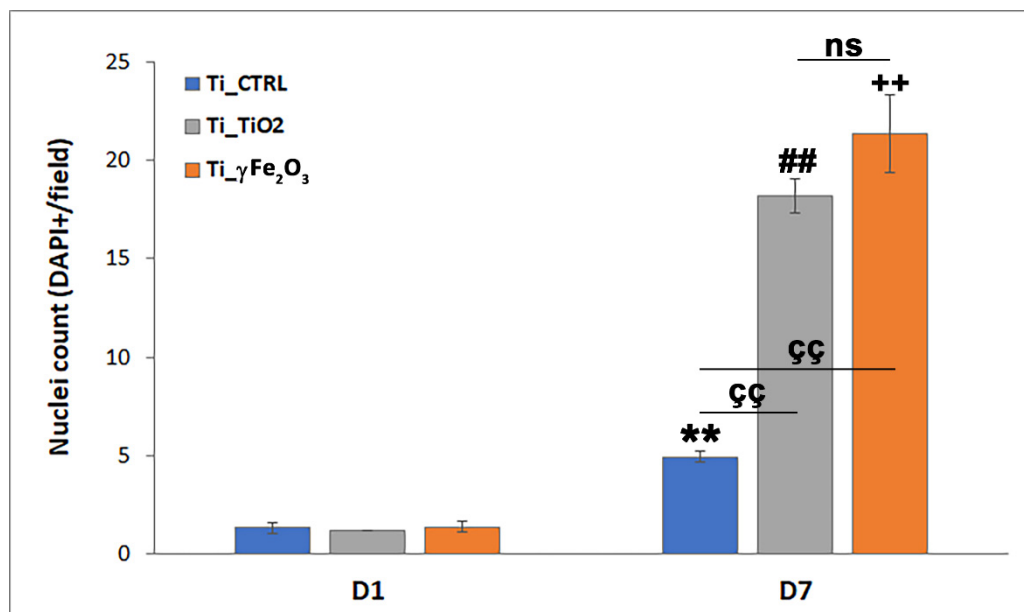


Figure S1. EDX analysis of Ti\_CTRL vs Ti\_TiO<sub>2</sub> scaffolds.



**Figure S2.** Diffraction Analysis from TEM



**Figure S3.** DAPI cell count (DAPI positive nuclei/field) at D1 and D7. Data are showed as mean  $\pm$  standard deviation obtained on 20 fields. \*\*, ##, §§, ++, p<0.01 show significant differences between the different time points and scaffolds, as reported by the Holm post-hoc test.