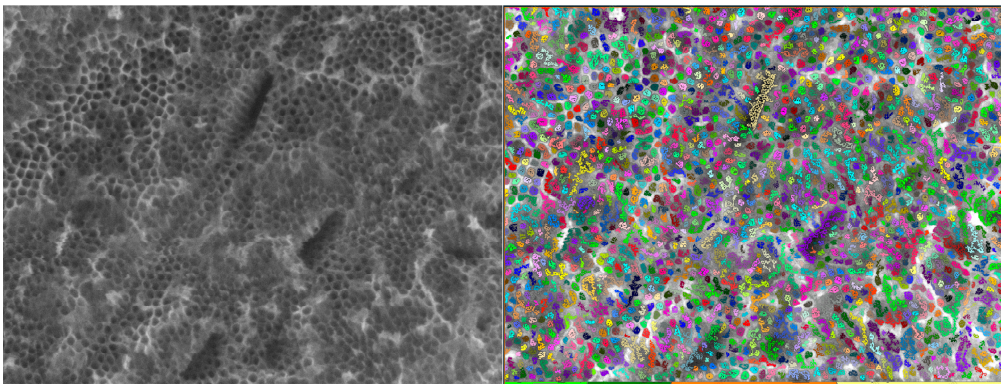


Figure S1. Schematic diagram of automatic identification of nanotubes based on Amira software.

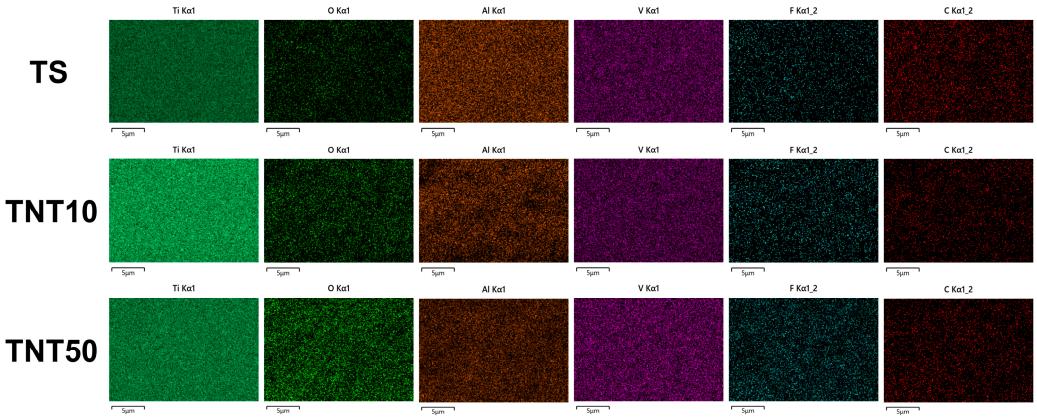


Figure S2. Surface elemental composition of the different samples determined via EDS.

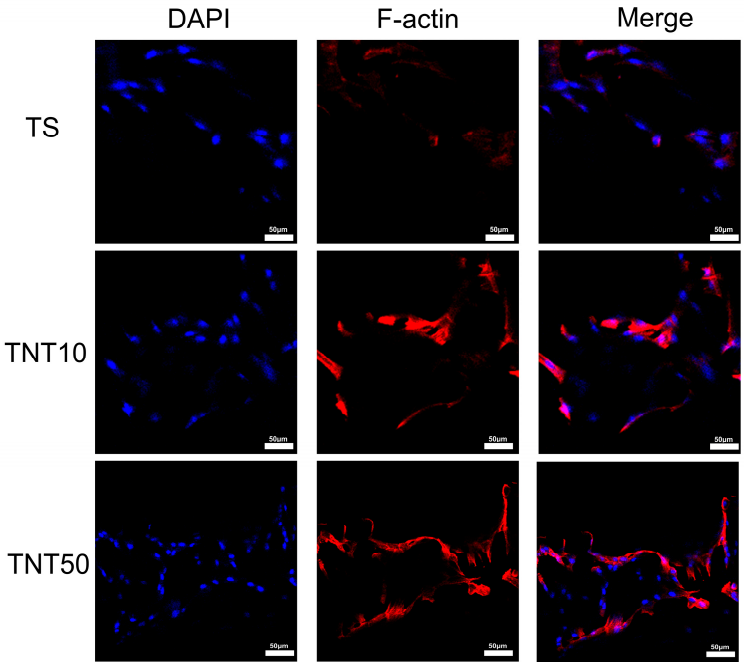


Figure S3. Representative CLSM images of hBMSCs cultured on sample surfaces (low-power view).