

# Supplementary Materials: Biomimetic Design for a Dual Concentric Porous Titanium Scaffold with Appropriate Compressive Strength and Cells Affinity

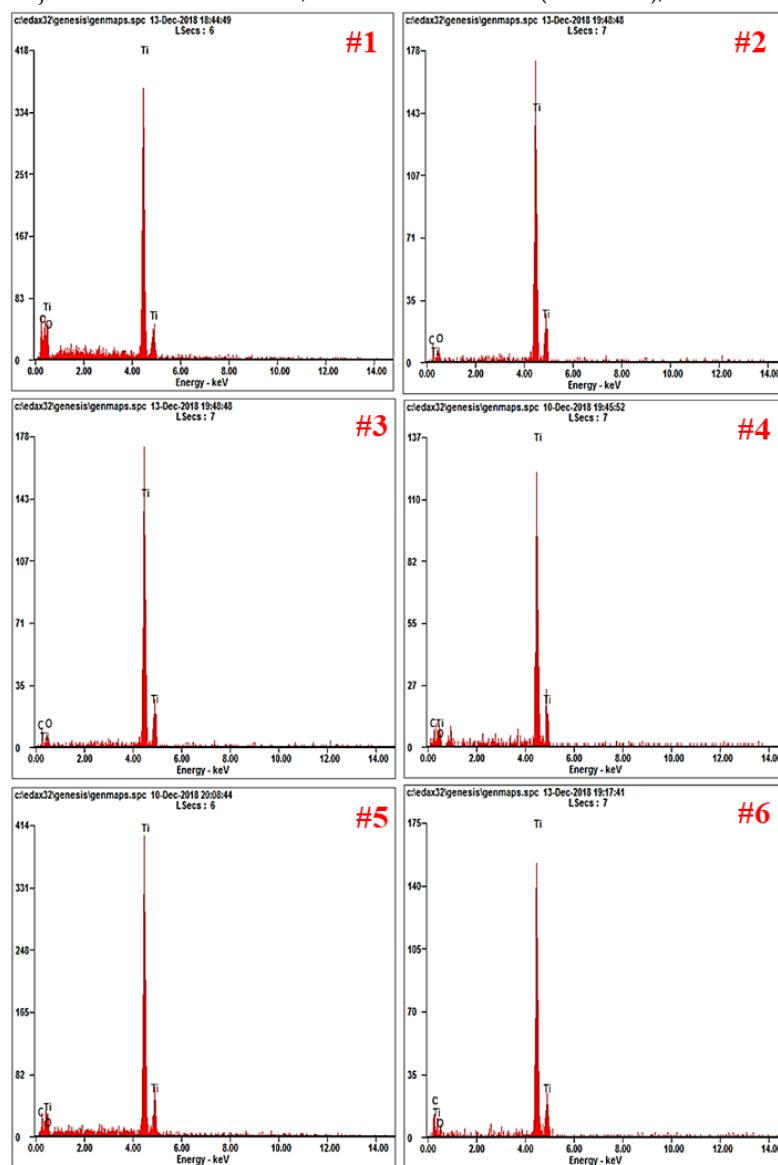
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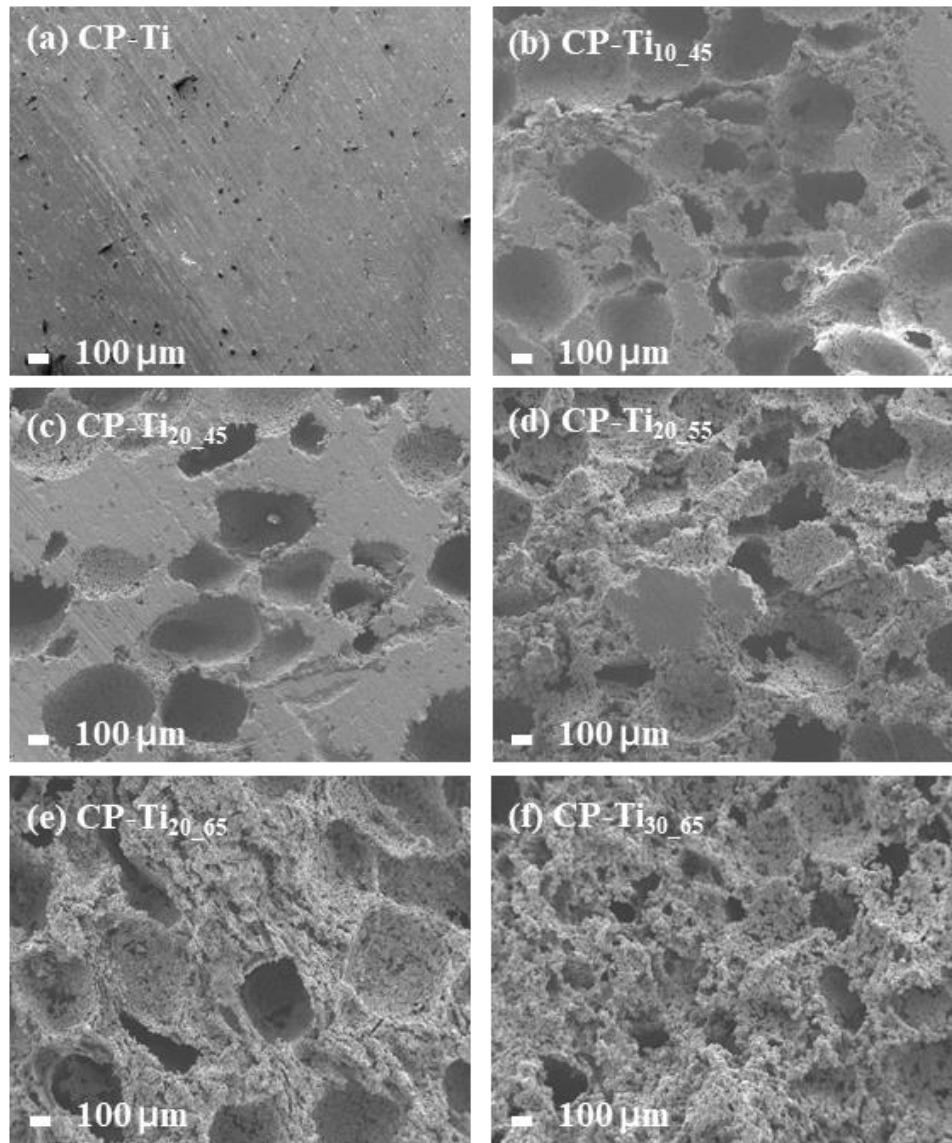
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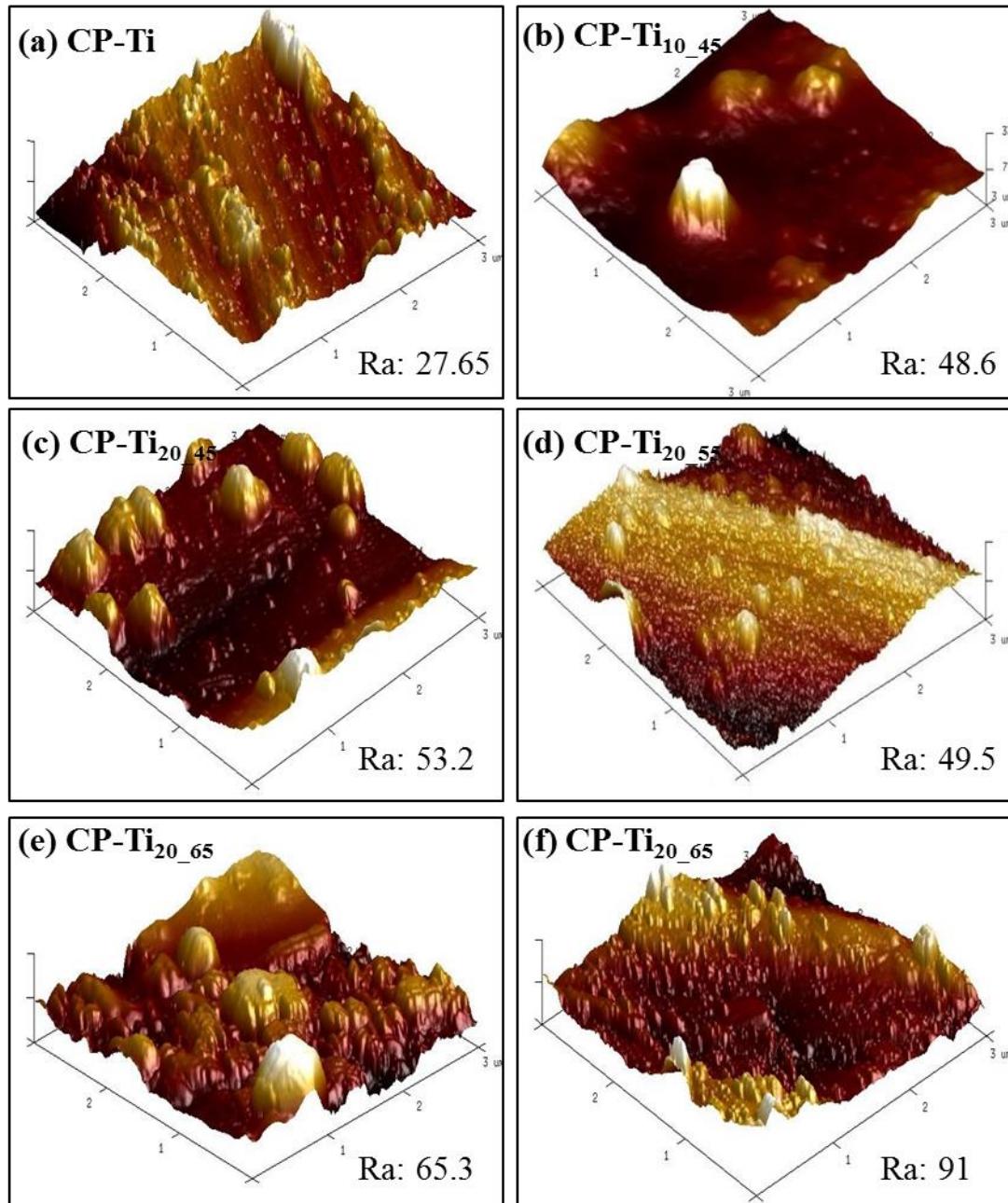
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**Figure S1.** EDS data presenting the elements distribution upon the surfaces of (#1) CP-Ti, (#2) CP-Ti<sub>10\_45</sub>, (#3) CP-Ti<sub>20\_45</sub>, (#4) CP-Ti<sub>20\_55</sub>, (#5) CP-Ti<sub>20\_65</sub>, and (#6) CP-Ti<sub>30\_65</sub>.



**Figure S2.** SEM photo-images showing pore sizes of dual porous structures on the surfaces of: (a) CP-Ti, (b) CP-Ti<sub>10\_45</sub>, (c) CP-Ti<sub>20\_45</sub>, (d) CP-Ti<sub>20\_55</sub> (e) CP-Ti<sub>20\_65</sub>, and (f) CP-Ti<sub>30\_65</sub>.



**Figure S3.** AFM topographical images illustrating for the surfaces of (a) CP-Ti, (b) CP-Ti<sub>10\_45</sub>, (c) CP-Ti<sub>20\_45</sub>, (d) CP-Ti<sub>20\_55</sub> (e) CP-Ti<sub>20\_65</sub>, and (f) CP-Ti<sub>30\_65</sub>.



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