

**Enhanced Biological Response of AVS-Functionalized Ti-6Al-4V Alloy through Covalent Immobilization
of Collagen**

SUPPLEMENTARY DATA

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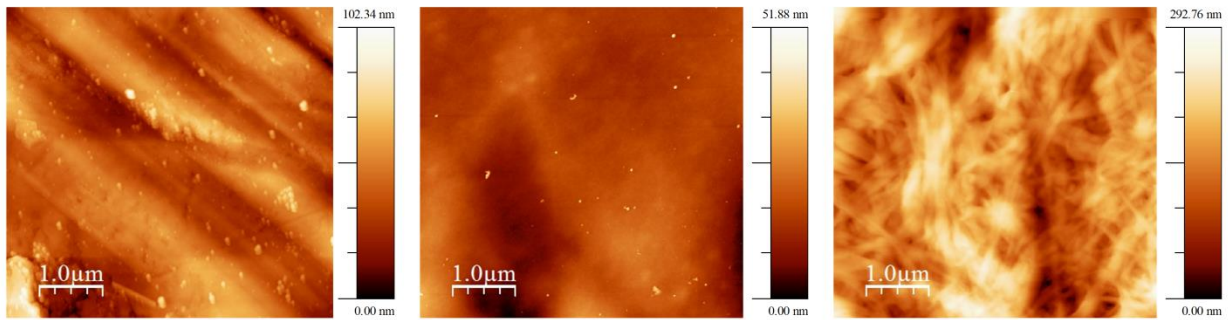
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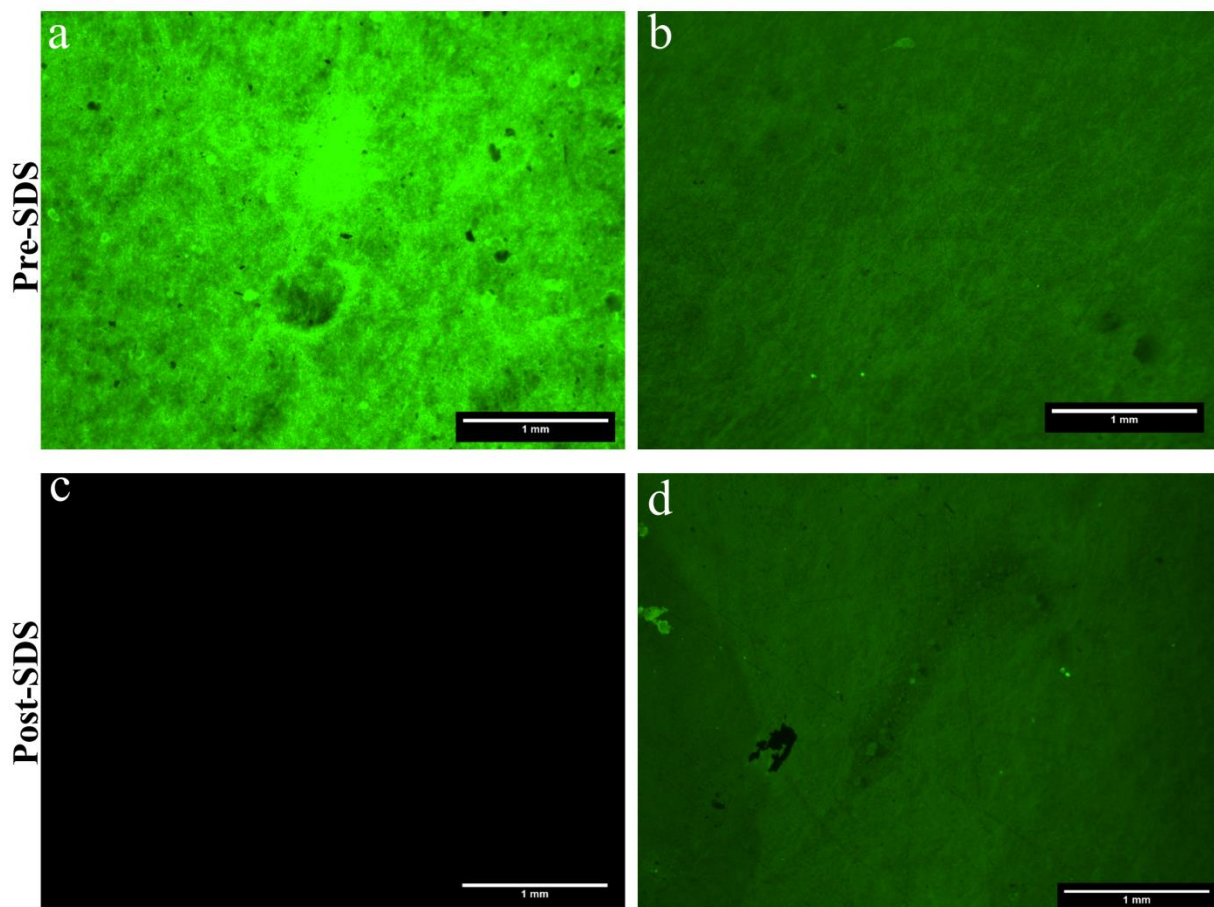
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Supplementary Data Figure 1: AFM micrographs of a) non-functionalized Ti-6Al-4V sample, b) functionalized Ti-6Al-4V sample and c) functionalized Ti-6Al-4V sample with immobilized collagen.



Supplementary Data Figure 2: Fluorescence microscopy images of FITC-tagged collagen film adsorbed on a) a non-functionalized (bare) Ti-6Al-4V substrate before SDS treatment and c) after SDS treatment compared with b) a functionalized Ti-6Al-4V samples dyed with FITC before SDS treatment and d) after SDS treatment. Scale Bar: 1mm.