ACCSCIENCE PUBLISHING

International Journal of Bioprinting

RESEARCH ARTICLE

Improved osseointegration and segmental stability of 3D-printed porous tantalum cages with micro-scale structures for spinal fusion

Supplementary File

Table S1. Average porosity, pore size, and mechanical strength of porous Ta

Parameter	Specification
Porosity (%)	
Designed	70
Manufactured	68.87 ± 0.56
Pore size (μm)	
Designed	600
Manufactured	562 ± 20.34
Elastic modulus (GPa)	1.92 ± 0.14
Compressive strength (MPa)	75.28 ± 1.57

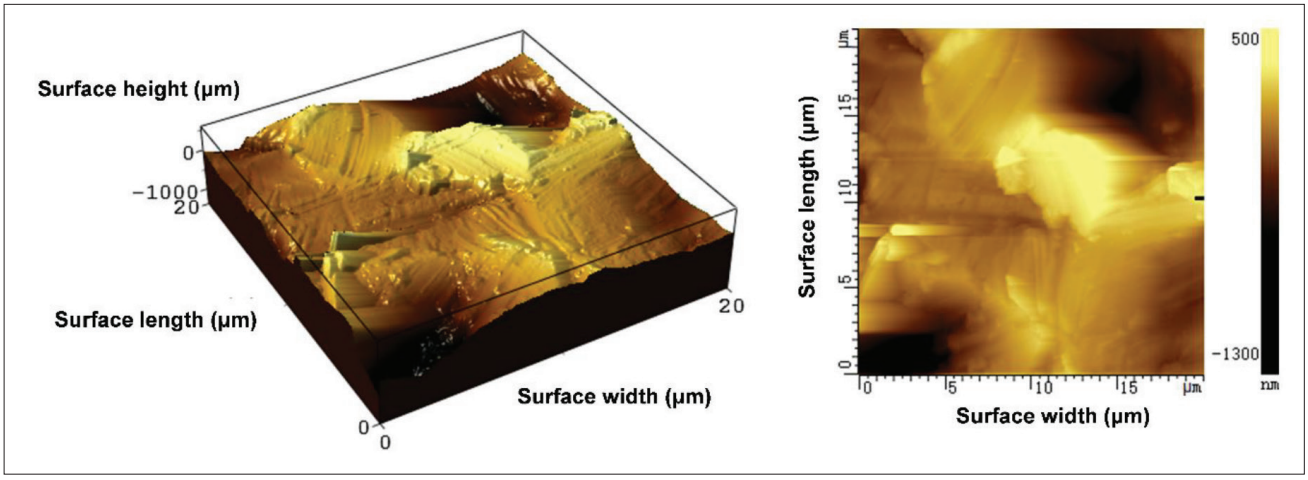

Figure S1. Atomic force microscopy (AFM) images of 3D height distribution map (left) and 2D topography map (right) of the 3D-printed pTa cage.

 doi: 10.36922/ijb.4811