

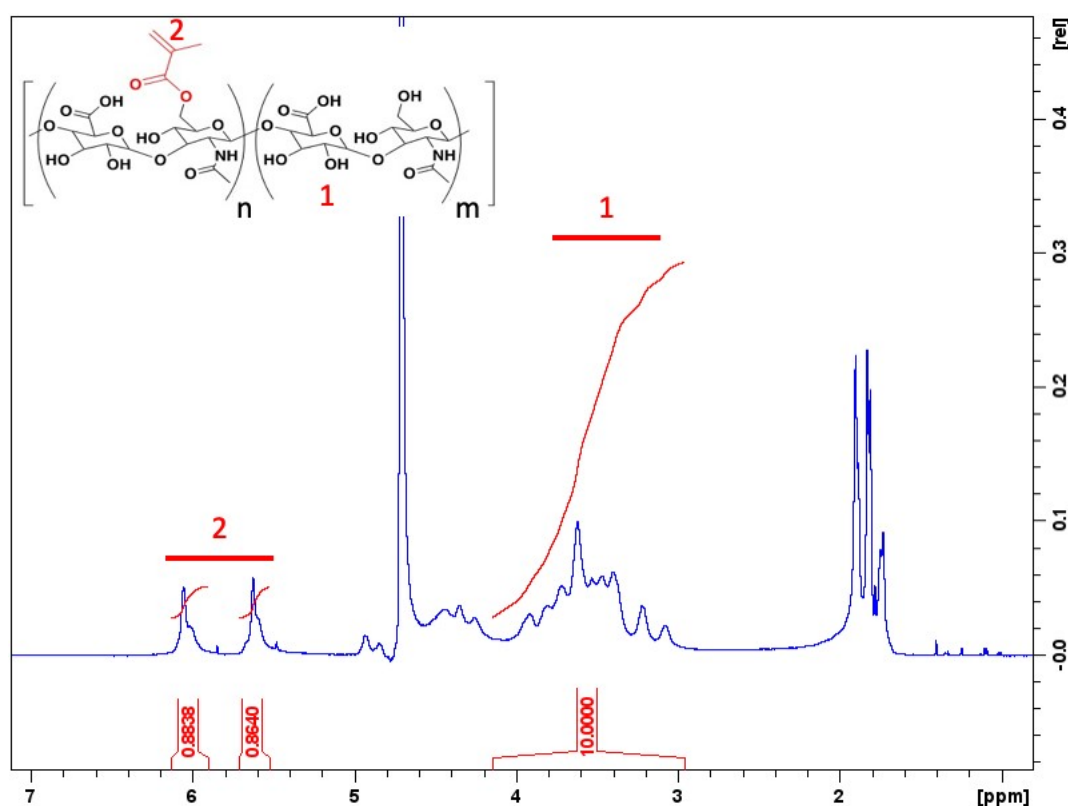
Embedded Bioprinting of Dense Cellular Constructs in Bone Allograft-Enhanced Hydrogel Matrices for Bone Tissue Engineering

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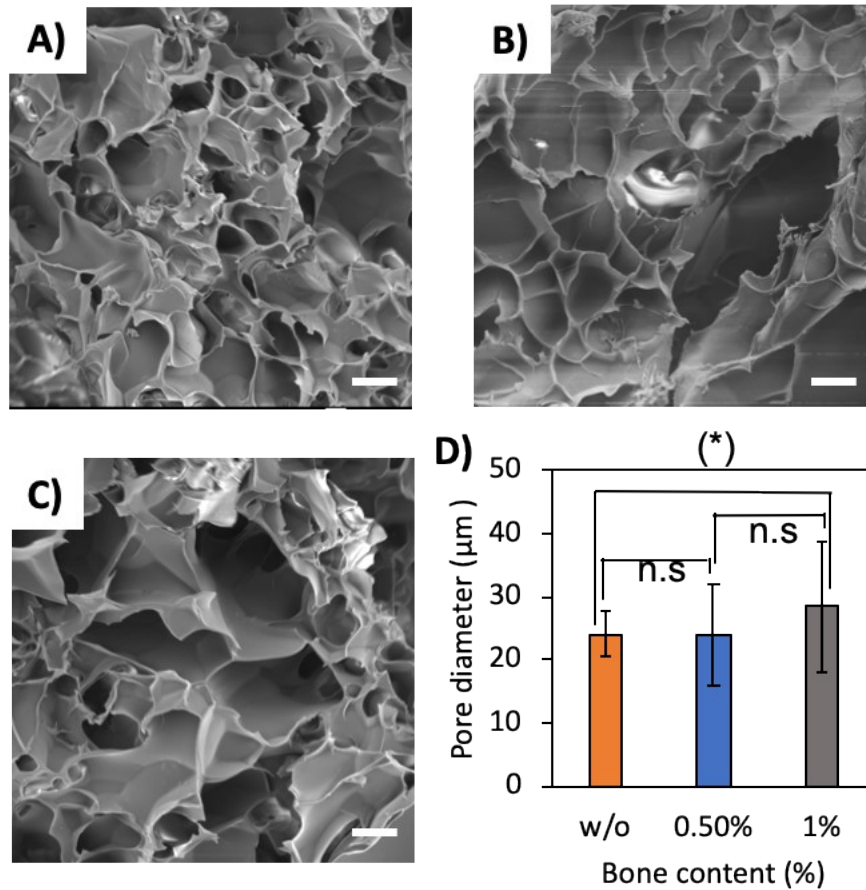
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SUPPLEMENTARY INFORMATION



Supplementary Figure S1. ¹H NMR spectrum of methacrylated hyaluronic acid (MeHA), with the functionalization was of ~87%, determined from the integration of the vinyl group ($\delta=5.8$, 1 H and $\delta=6.25$, 1 H) with respect to the HA backbone ($\delta=3.20-4.20$, 10 H).



Supplementary Figure S2. SEM images reveal porous structures for cross-sectional morphology of MeHA (A), MeHA w/ 0.5% Bone (B) and MeHA w/ 1% Bone (C) and average pore diameter (D). Scale bar: 10 μm, n.s. denotes no significant difference, * p < 0.05. For this study, MeHA without and with 0.5% and 1% bone were prepared, lyophilized, and analyzed using Scanning Electron Microscopy (SEM).