

# Supporting Information

## Boron nitride-based nano-biocomposites: Design by 3D printing for bone tissue engineering

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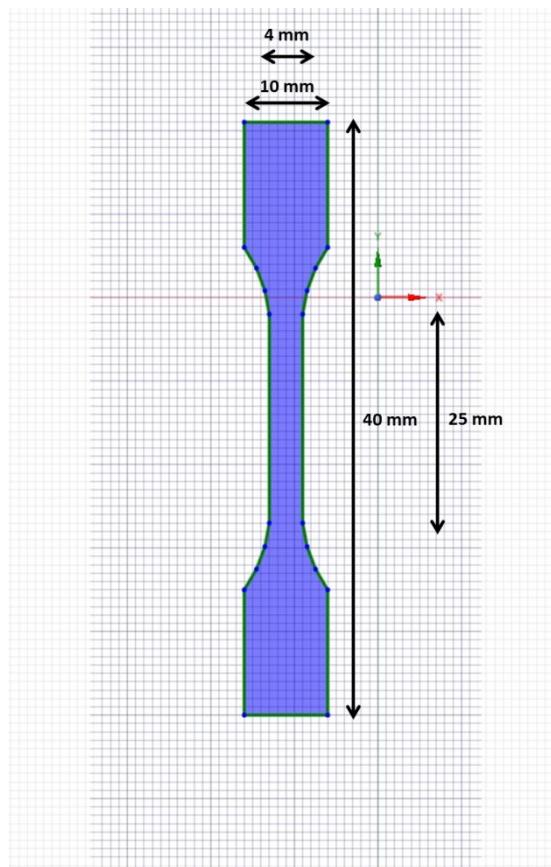
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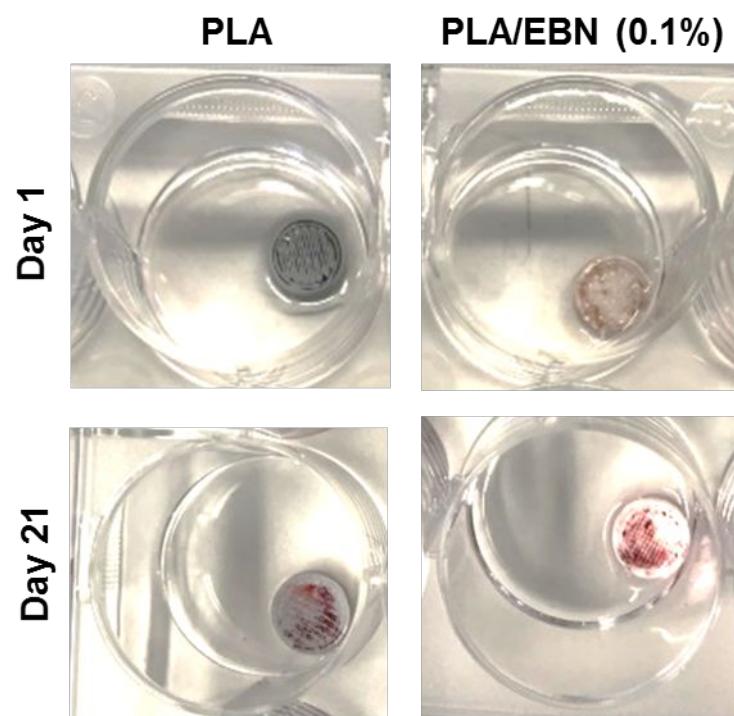
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**Table S1.** Printing parameters

	General characterizations	Mechanical properties
1 <sup>st</sup> layer height	0.1mm	0.1mm
Layers height	0.2mm	0.2mm
Perimeters	1	1
Number of top & bottom layers	0	5
Infill percentage	70%	70%
Infill architecture	Rectilinear	Rectilinear
Combine infill layers	1	1
Infill angle	45°	0°
Bed temperature	60°C	60°C
Nozzle temperature 1 <sup>st</sup> layer	215°C	215°C
Nozzle temperature other layers	210°C	210°C

**Figure S1.** Schematic representation of PLA and PLA/EBN samples with a dog bone shape for tensile strength analysis.



**Figure S2.** MG-63 cell differentiation photos with PLA and PLA/EBN scaffolds evaluated using the Alizarin Red-S mineralization assay at different time points.