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Supplementary Information

Design and Development of 3D Printed Shape Memory Triphasic Polymer-Ceramic Bioactive Scaffolds for Bone Tissue Engineering

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Figure S1. Manual testing of the triphasic composite sheet for its brittleness by bending the sheet at an angle $> 45^{\circ}$



Figure S2. shows the MC3T3-E1 cell count at day 1 and day 8



Figure S3. The ALP activity of the PLA, PPW5, PPW10, PPW20, and PPW40 after the 14th day



Figure S4. fluorescence images of all the groups of scaffolds during the osteogenic studies