

## Supporting Information

### **Thermo-rheological Responsive Microcapsules for Time-Dependent Controlled Release of Human Mesenchymal Stroma Cells**

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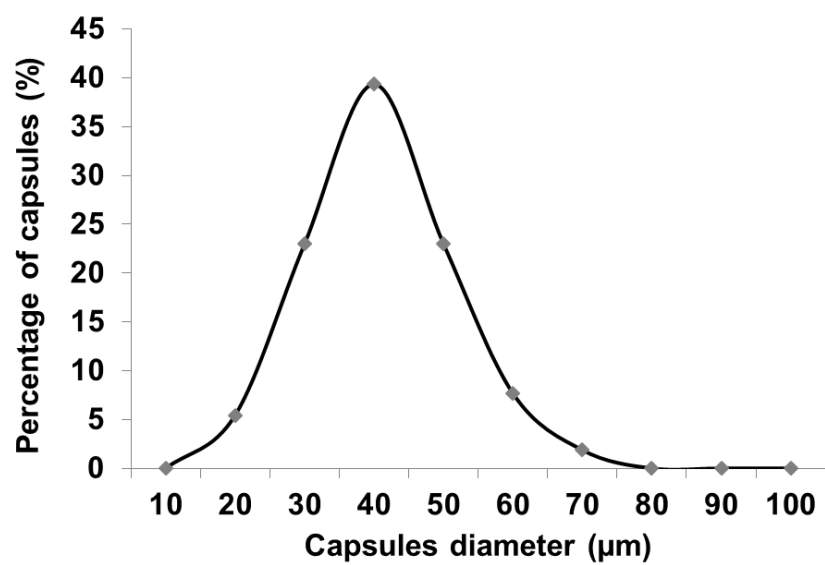
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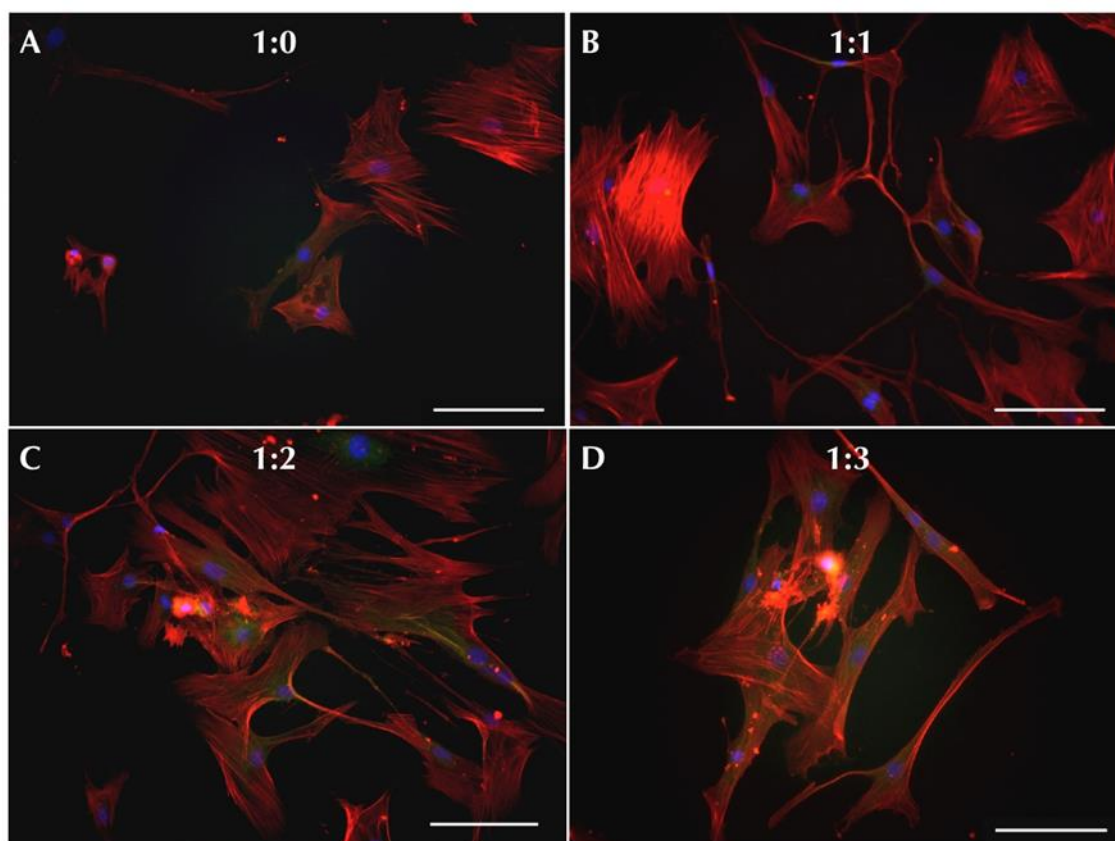
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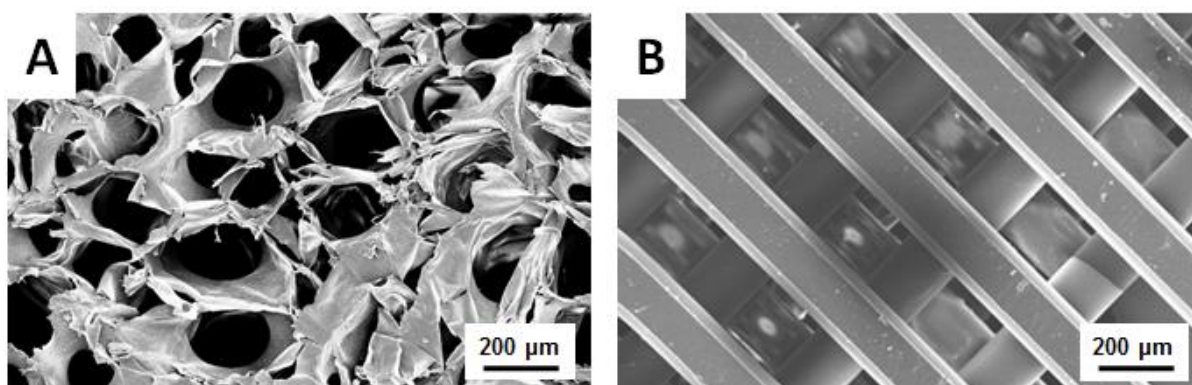
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**Figure S1** Size distribution curve of the hMSC agarose-gelatin capsules.



**Figure S2** Immunostaining images of the released hMSCs from **A)** 1:0, **B)** 1:1, **C)** 1:2 and **D)** 1:3 agarose-to-gelatin hydrogel capsules, respectively. Nuclei were stained in blue, F-actin was stained in red and vinculin was stained in green.



**Figure S3** Scanning electron microscope (SEM) images showing the morphology of **A)** porous collagen 3D scaffold and **B)** aligned polystyrene 3D scaffold.