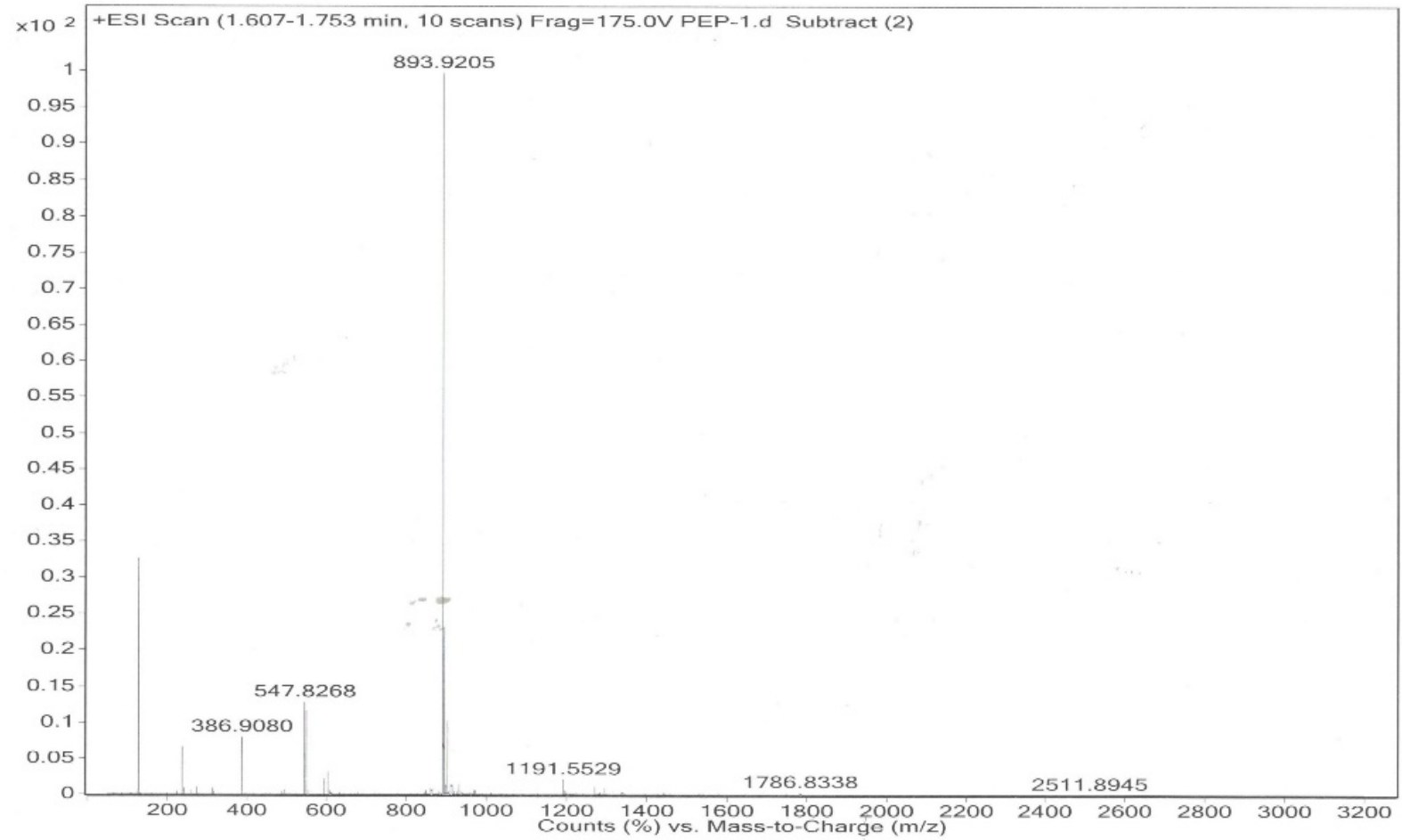
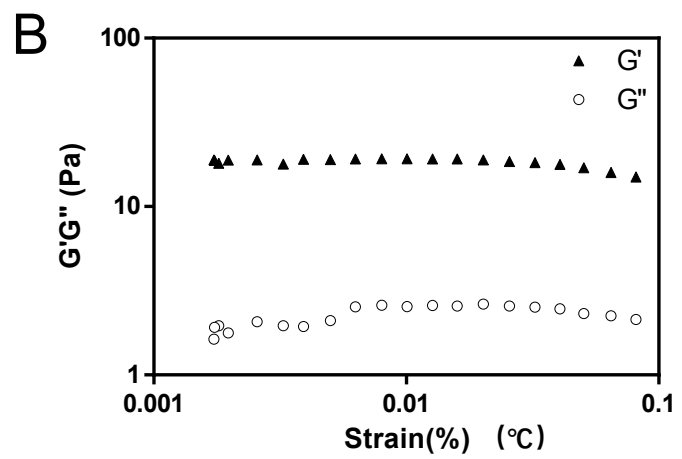
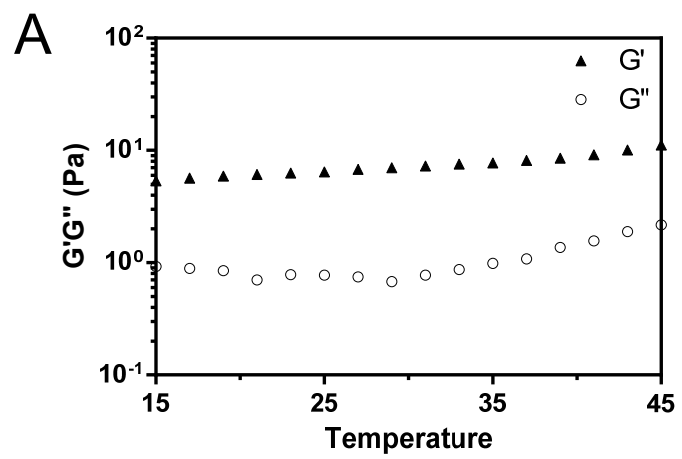


**Figure S1**

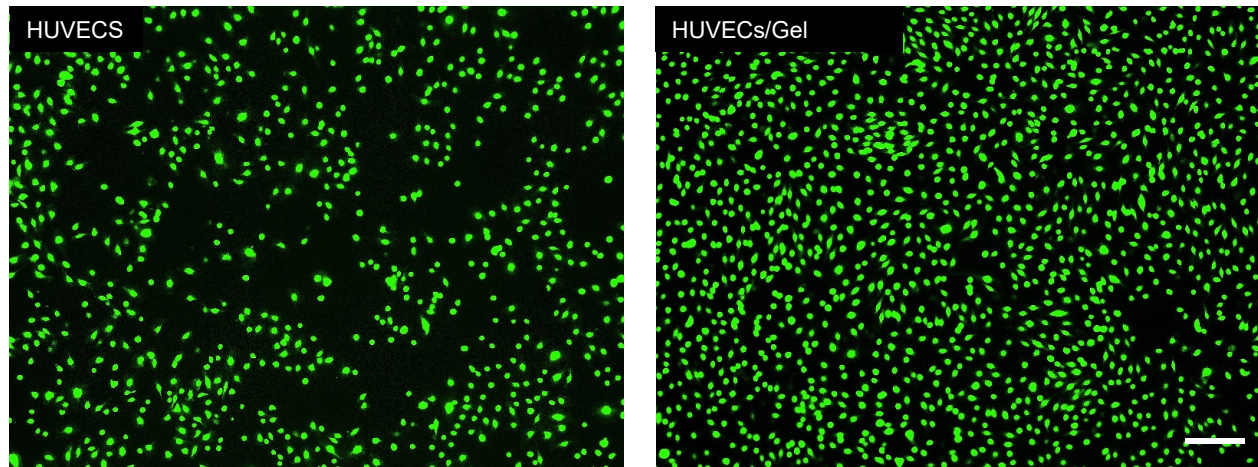
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<b>Inj Vol</b>	-1	<b>InjPosition</b>		<b>SampleType</b>	Sample	<b>IRM Calibration Status</b>	Some Ions Missed
<b>Data Filename</b>	PEP-1.d	<b>ACQ Method</b>	chen-ms.m	<b>Comment</b>		<b>Acquired Time</b>	7/4/2017 7:33:05 PM



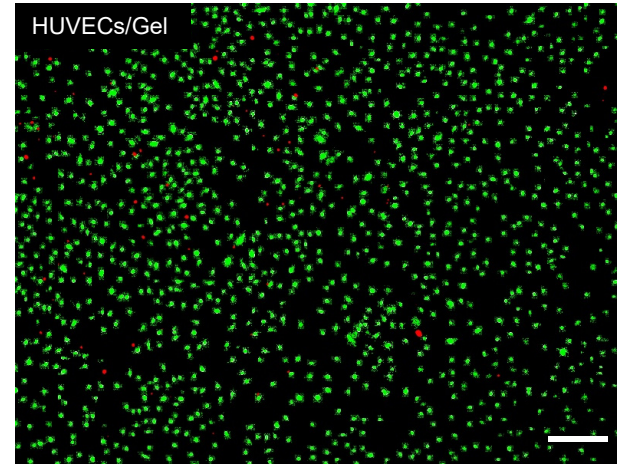
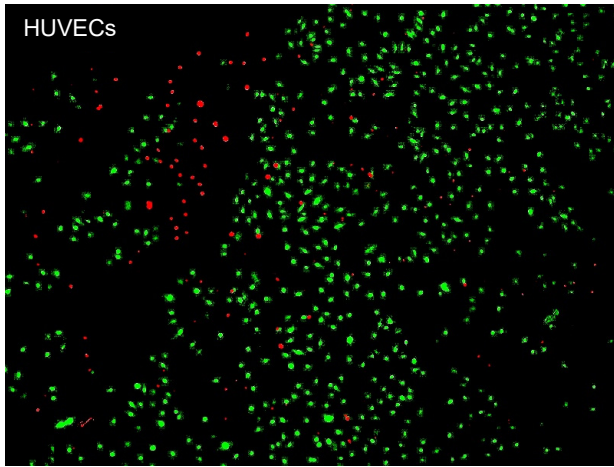
**Figure S2**



**Figure S3**



**Figure S4**



**Figure S5**

### Supplemental figure legends

**Fig. S1.**  $^1\text{H}$ -NMR spectrum of Nap- $^{\text{D}}\text{F}^{\text{D}}\text{FG}$ -GYGSSRRAPQT. **Fig. S2.** HR-MS spectrum of Nap-DFDFG-GYGSSRRAPQT. **Fig. S3. (A)** Temperature-dependent rheological analysis for self-assembling IGF-1C. **(B)** Strain-dependent rheological analysis for self-assembling IGF-1C. **Fig. S4.** Proliferation assay of HUVECs (live/dead staining). **Fig. S5.** Apoptosis assay of HUVECs (live/dead staining).