SUPPORTING INFORMATION

Injectable Carbon Nanotube-Functionalized Reverse Thermal Gel Promotes Cardiomyocytes Survival and Maturation

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Figures

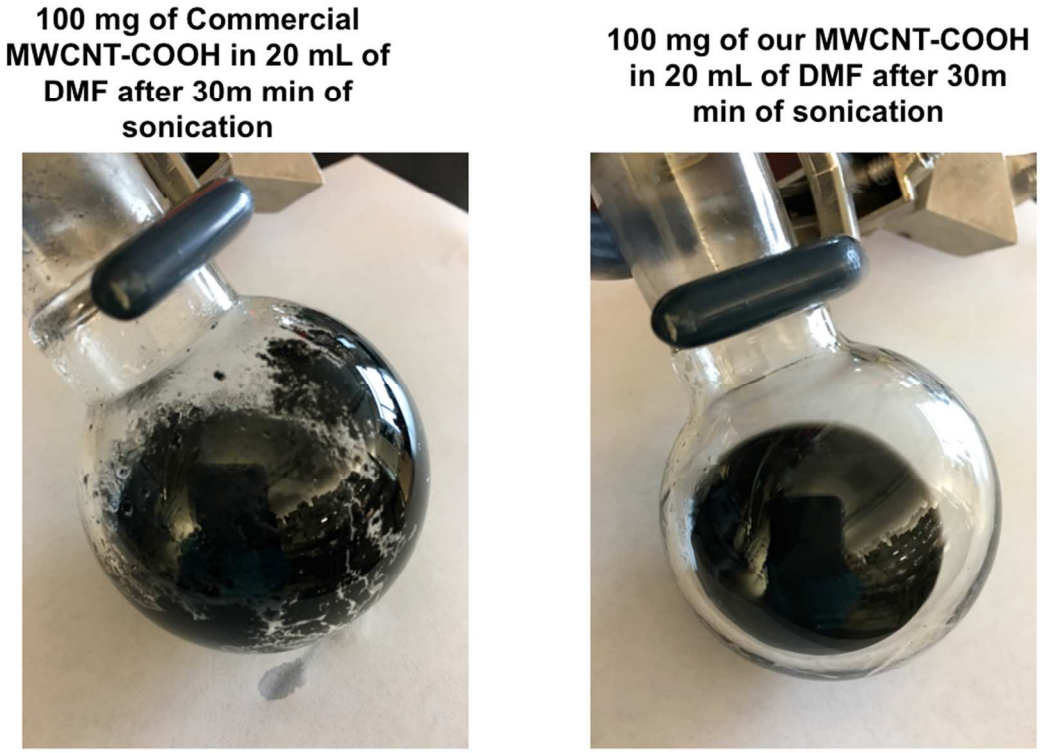

Figure S1: Different MWCNT-COOH dispersed in DMF. From left to right: commercial MWCNT-COOH and our home-synthetized MWCNT-COOH.

Videos

Video S1: Sol to gel phase transition injection at 37°C of the RTG-lysine system using a 31 Gauge needle. Injection is made in water and polymer were dissolved in water at 1.5% (w/w).

Video S2: Sol to gel phase transition injection at 37°C of the RTG-CNT system using a 31 Gauge needle. Injection is made in water and polymer were dissolved in water at 1.5% (w/w).

Video S3: Spontaneous intracellular calcium oscillations of NRVM cultured for 21 days in the 3D RTG-CNT scaffold.

Video S4: Spontaneous intracellular calcium oscillations of NRVM cultured for 21 days in the 3D RTG-lysine scaffold.

Video S5: Spontaneous intracellular calcium oscillations of NRVM cultured for 21 days in 2D gelatin control.