



Figure S1. Side view (left) and top view (right) of set up for securing hydrogels on glassy carbon electrodes for drug delivery studies.

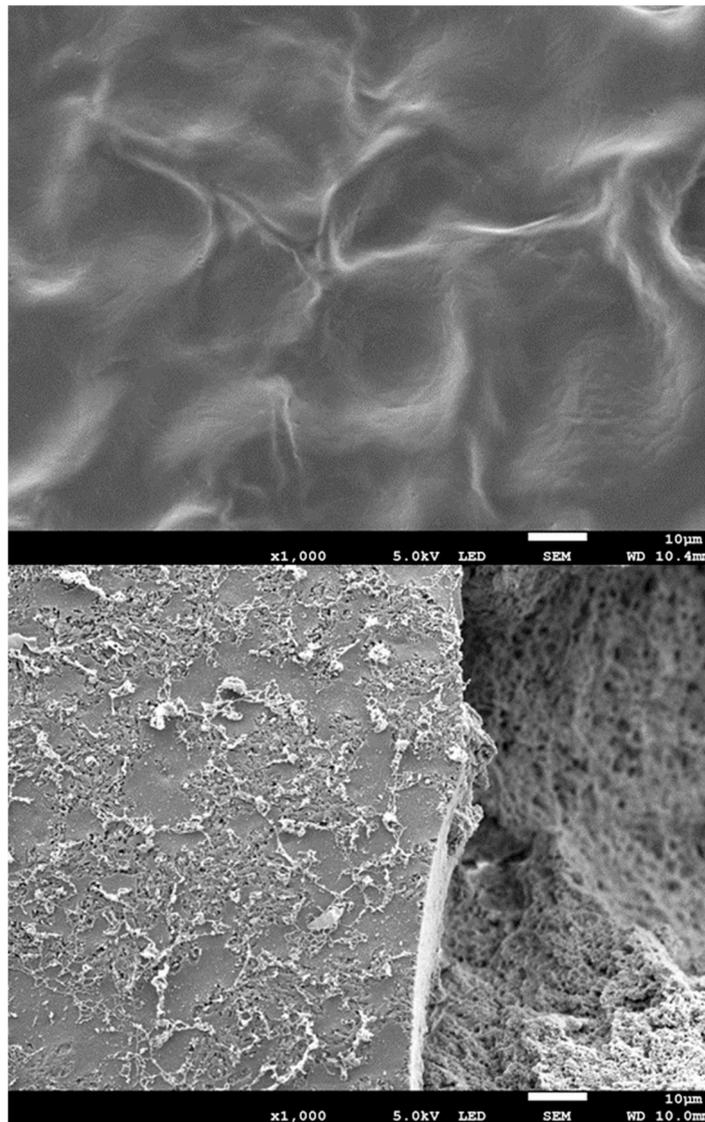


Figure S2. SEM images (x1,000 magnification). Top) non-conductive gels. Bottom) conductive gels. Scale bars represent 10 μm .

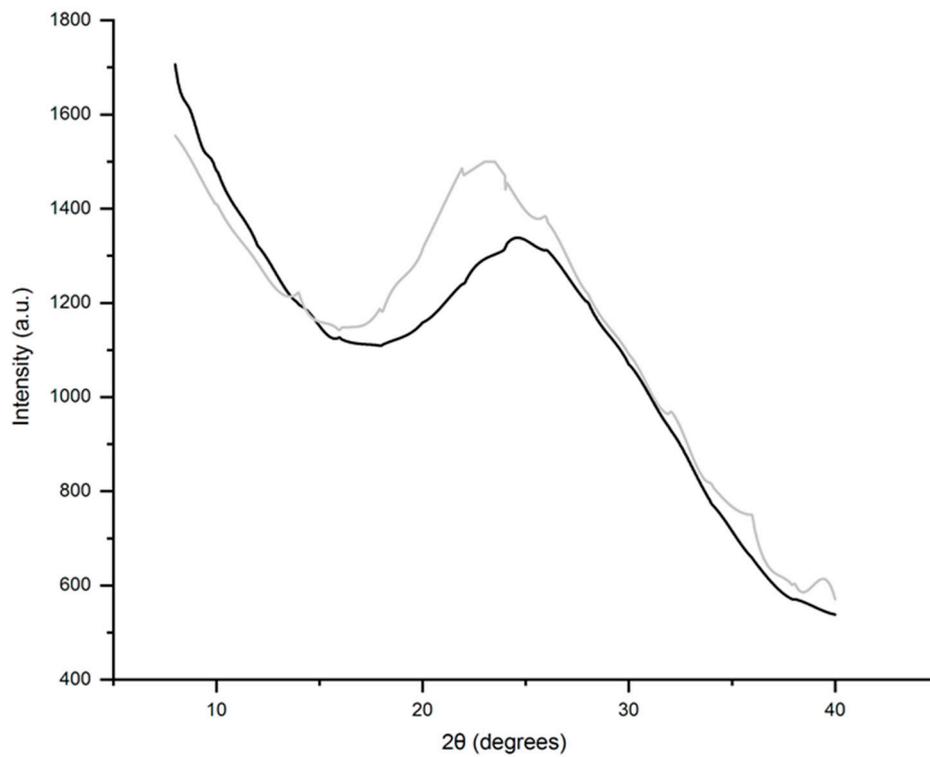


Figure S3. X-ray diffractograms. Non-conductive gels (grey line); conductive gels (black line).

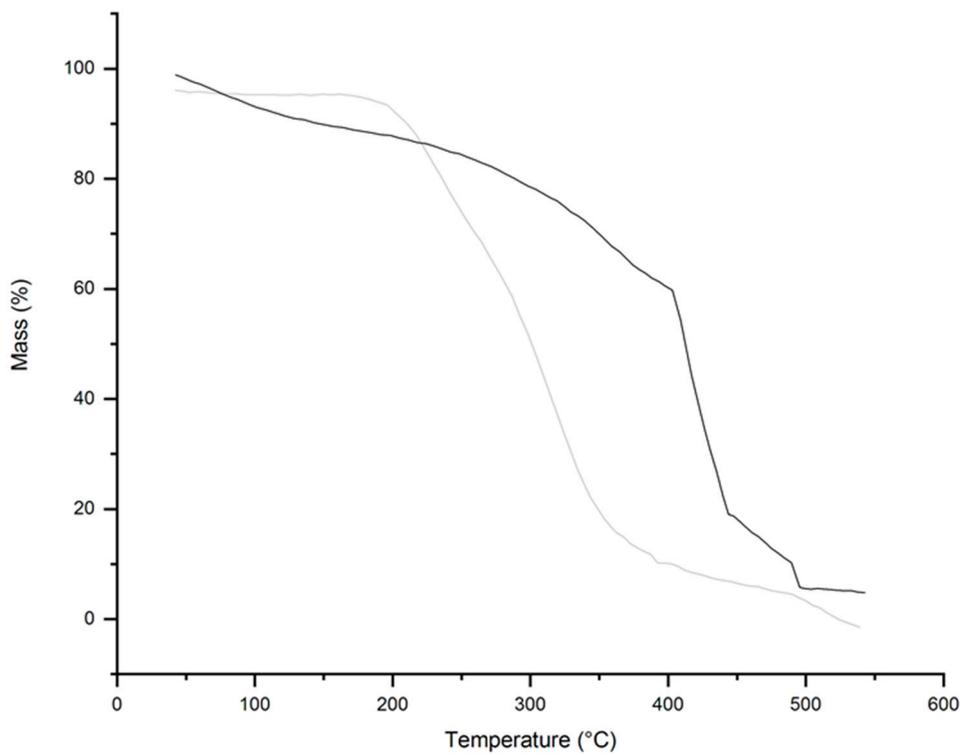


Figure S4. TGA thermograms. Non-conductive hydrogels (grey); conductive hydrogels (black).