## **Supplemental Materials**

## Synthesis and 3D Printing of Conducting Alginate-Polypyrrole Ionomers

Cassandra J. Wright, Binbin Zhang Molino, Johnson H. Y. Chung, Trent Pannell, Melissa Kuester, Paul J. Molino, Timothy W. Hanks\*

## **Supplemental Figures:**

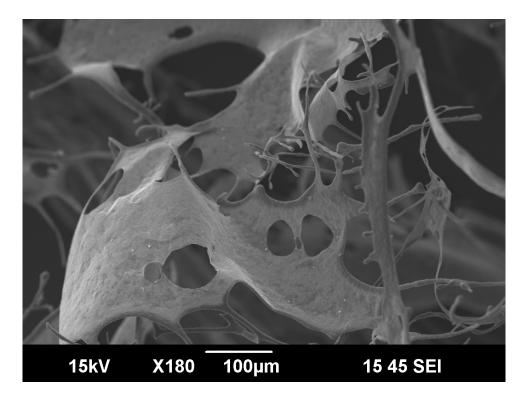
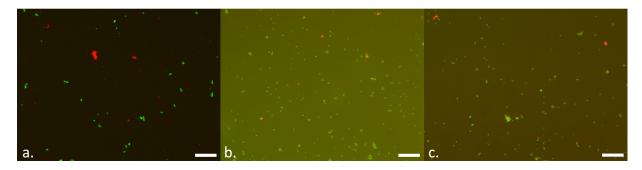


Figure S1: SEM micrograph of cross-linked cryogel of composite A.



**Figure S2:** Representative Live (green)/Dead (red) fluorescence images of PC12 neuronal cells on alginate (a) and PPy-Alg composites A and B (b,c) hydrogels. Scale bars represent 100 µm.