Supplementary Information

Schematic representation of the chemical reaction followed to produce fluorescein-labeled CHT (Fig. S1) used for analyzing the distribution of CHT through the xz axis of PEC MeGG-CHT hydrogel.

Fig. S1 Schematic representation of the chemical reaction for producing fluorescein-labeled CHT (fluorescein-CHT).

The elemental analysis summarized in Table 2 was calculated based on the survey spectra depicted in Fig. S2. The percentages of the elements were calculated by the areas under the specific peaks.

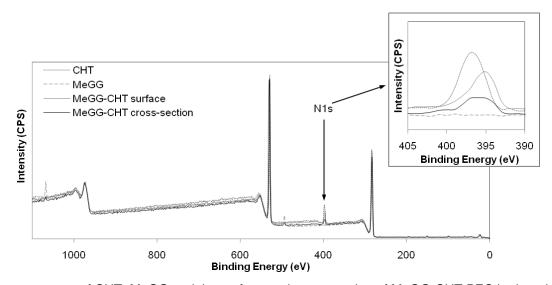


Fig. S2 Survey spectra of CHT, MeGG and the surface and cross-section of MeGG-CHT PEC hydrogel.