Supplementary Materials

Microporous Fluorescent Poly(D,L-lactide) acid-Carbon Nanodots Scaffolds for Bone Tissue Engineering Applications

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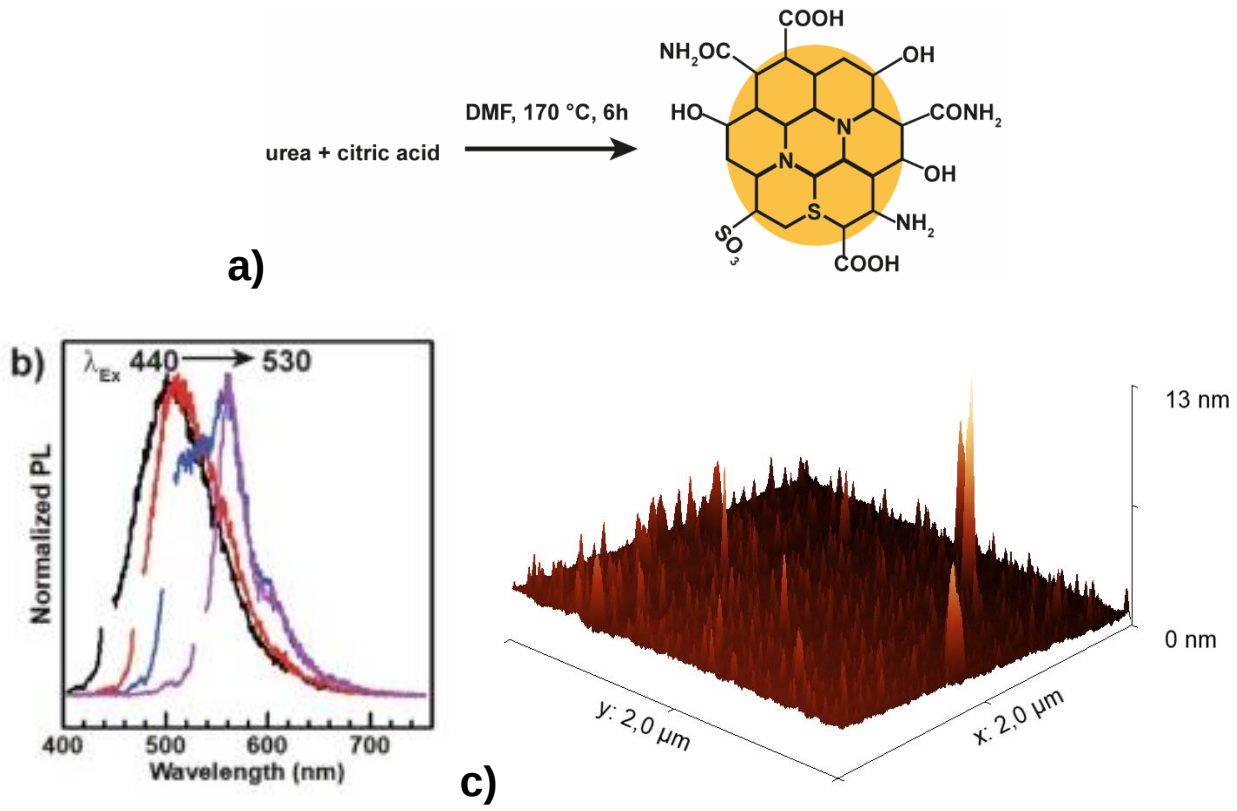

Figure S1. Scheme adopted for the synthesys of S,N-doped CDs (CDs) (**a**). Atomic force microscopy of the CDs used; average diameter of 5.3 ± 0.4 nm (**b**). Emission profile of the CDs used (**c**)

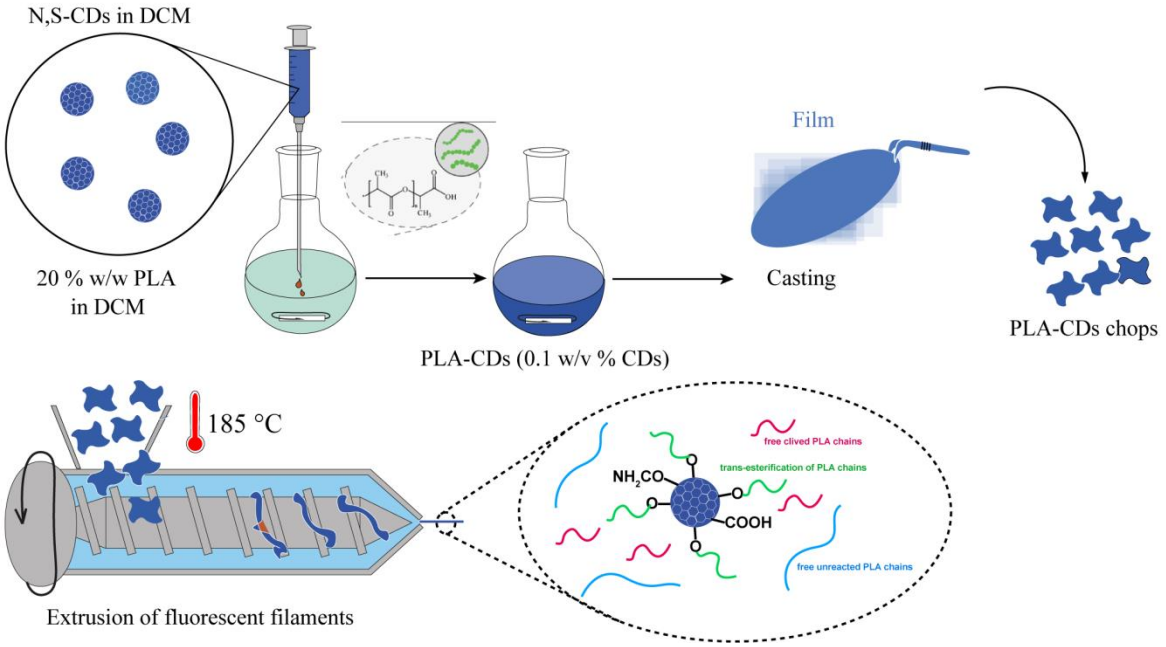

Figure S2. Schematic representation of the melt-extrusion transesterification process adopted for the preparation of the PLA-CDs nanocomposite

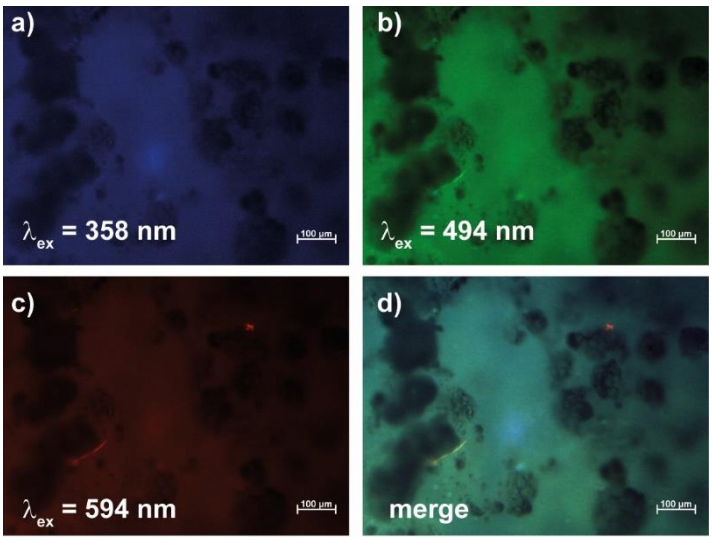

Figure S3. Fluorescence microscopy of the PLA-CDs 5% scaffold after 6 months of degradation in PBS pH 7.4 at 37 °C: a) DAPI channel, b) FITC channel, c) TxR channel, d) merge of all channels.