



Figure S1.

The procedure of inducing defects in PLGA by covalent modifications of Glu side chains with EDC and primary amines explained on NBA example. Solutions of PLGA and NBA in D₂O were mixed (at 1:3 Glu side chain : NBA molar ratio), followed by pH* adjustment to 5.3. Subsequently, the reaction was initiated by adding desired amounts of EDC and stirring at 20 °C for 3 h.