Supporting information

Aqueous RAFT Synthesis of Glycopolymers for Determination of Saccharide Structure and Concentration Effects on Amyloid β Aggregation

<u>Pradipta K Das</u>¹, Dexter N Dean², April L Fogel¹, Fei Liu³, Brooks A Abel¹, Charles L McCormick¹, Eugenia Kharlampieva³, Vijayaraghavan Rangachari², and Sarah E. Morgan^{1*}

¹School of Polymers and High Performance Materials, and ²Department of Chemistry and Biochemistry, The University of Southern Mississippi, Hattiesburg, Mississippi 39406-5050 ³Department of Chemistry, University of Alabama Birmingham, Birmingham, Alabama 35294

*Corresponding author, sarah.morgan@usm.edu





Figure S1. ¹H NMR spectra of (A) AcGalEAm and (B) GalEAm



Figure S2. ¹H NMR spectra of (A) AcGlcEAm and (B) GlcEAm



Figure S3. ESI-MS of GalEAm monomer [277.27+22.98 (Na+)]



Figure S4. ¹H NMR spectra of (A) D-Galactose (commercially available from Sigma, racemic mixture of α -D-galactose and β -D-galactose) and (B) GalEAm monomer