

Figure S1: Workflow for determination of sugar released from biomass using conventional, microscale and microfluidic approaches.

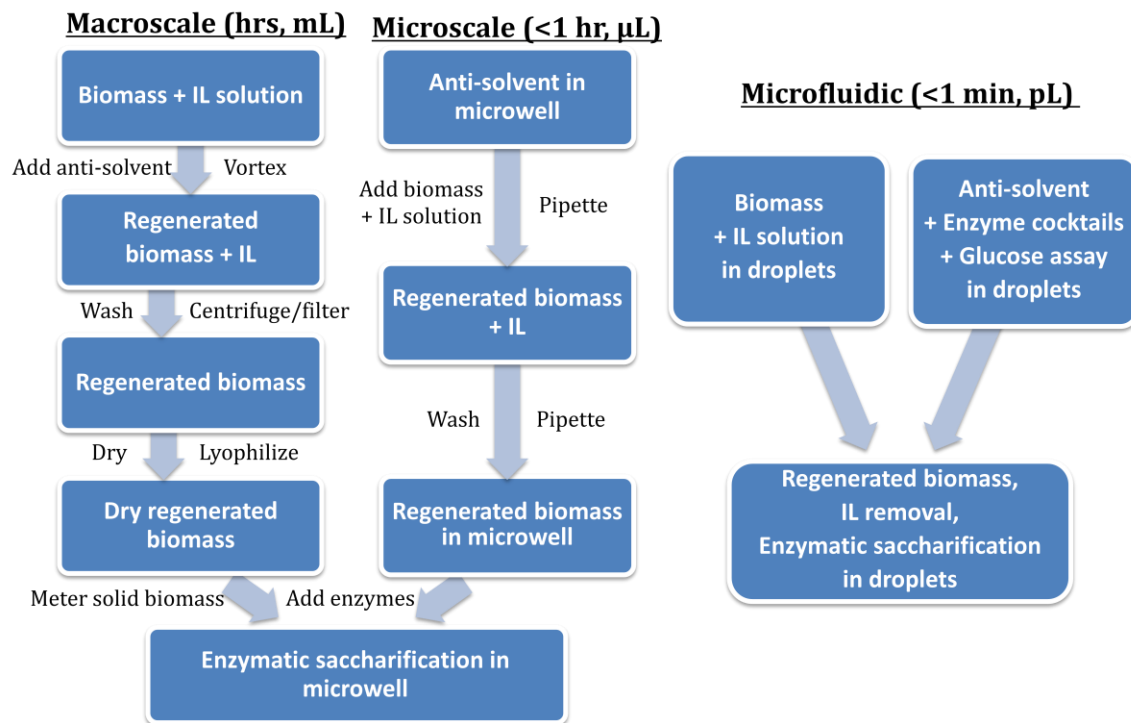


Figure S2: SEM images of the lyophilized microscale regenerated biomass particles. (A) and (B) Porous internal structure of *Avicel* (C) and (D) Layered internal structure of switchgrass particle.

