



**Supplemental Figure S2: Tangential flow filtration (TFF) setup schematic.** The tubing with barb-hoses was connected to the TFF device as shown. Feed flow tubing begins submerged in the filtered conditioned culture medium vessel, continues through the peristaltic pump, and connects to the TFF device inlet port. The return flow begins at the TFF device outlet port and ends above the surface of the filtered conditioned culture medium. Optionally, a backpressure clamp (e.g., a screw nut + bolt or simple paper clamp) can be used to increase the rate of filtration. As the conditioned medium is circulated by the pump, developed pressure within the TFF device leads to ultrafiltration and removal of components <100 kDa through the filtrate/waste flow tubing, which can be collected in a separate vessel for disposal (magenta).