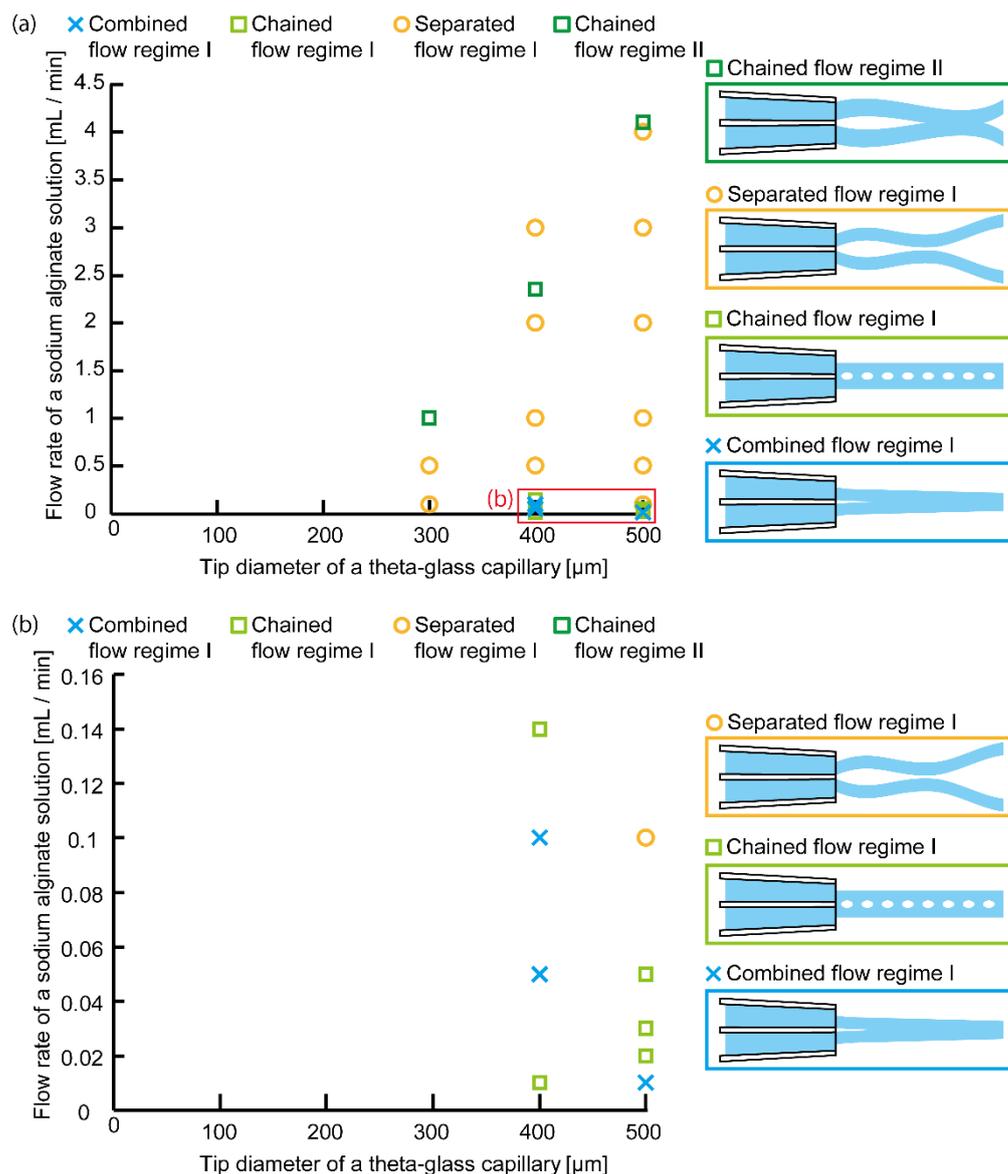


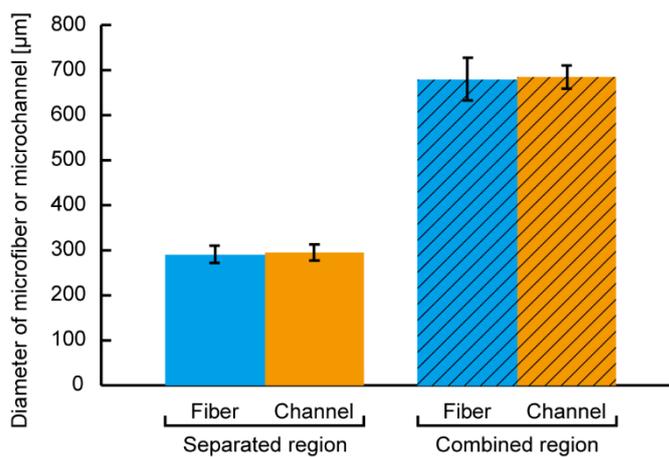
# Supplementary Materials: Formation of Branched and Chained Alginate Microfibers Using Theta-Glass Capillaries

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7 **Figure S1.** Experimental phases showing the relationships among the flow rates of the sodium alginate  
 8 solution, the tip diameters of the theta-glass capillaries, and the flow regime in the region with a low flow  
 9 rate and large tip diameter: (a) Experimental phases consisting of combined flow regime I, chained flow  
 10 regime I, separated flow regime I, and chained flow regime II; (b) Enlarged view of red lined area in (a).



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12 **Figure S2.** Diameters of the embedded microfiber and the PDMS microchannel; n=3; Error bars: S.D.