Synergistic effect of combined colloidal and organic fouling in membrane distillation: measurements and mechanisms

Electronic Supplementary Information

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**Figure S1**: Schematic setup for direct contact membrane distillation
**Figure S2:** Contact angle measurements of pristine, individually-fouled, and combined fouled membranes. Error bar represents standard deviation from three measurements of two membrane samples. Experimental conditions were described in the Figures 2-4 in the manuscript.
Figure S3: Average pore size measurement of (A) pristine and individually-fouled, and (B) combined fouled membranes. Error bar represents standard deviation from three measurements of two membrane samples. Experimental conditions were described in Figures 1-4.
Figure S4: Zeta potential of feed solution during fouling as a function of cumulative permeate volume of combined fouling. Experimental conditions were described in Figures 2-4.