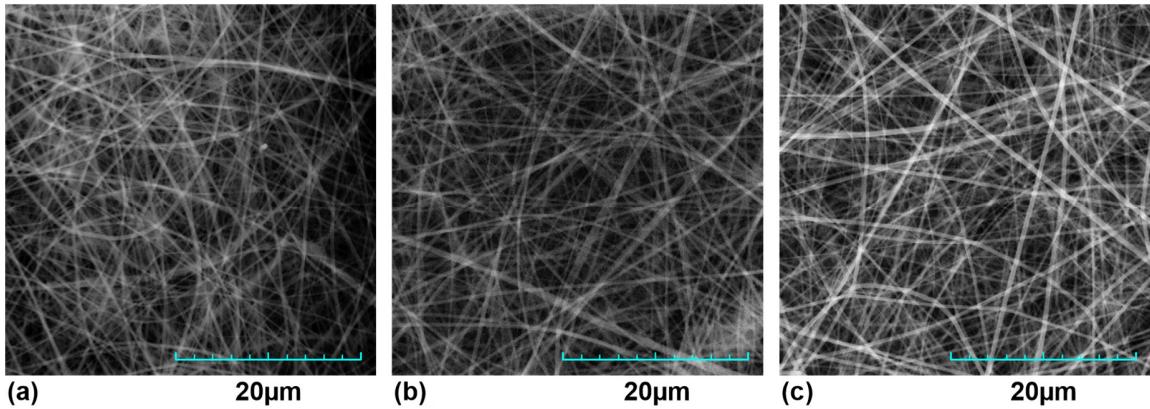
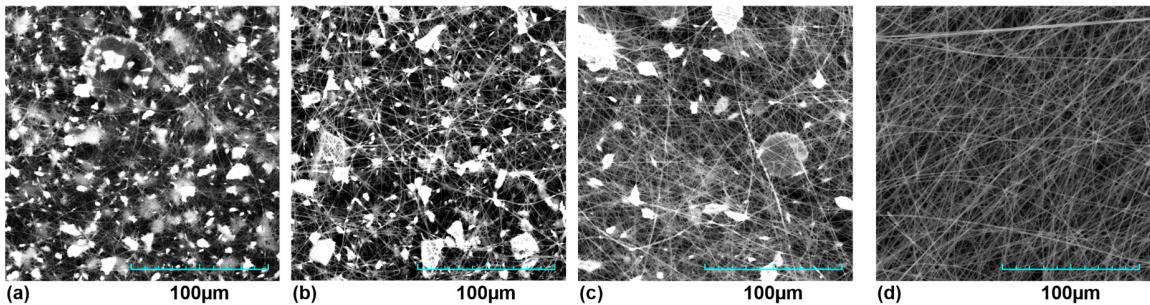


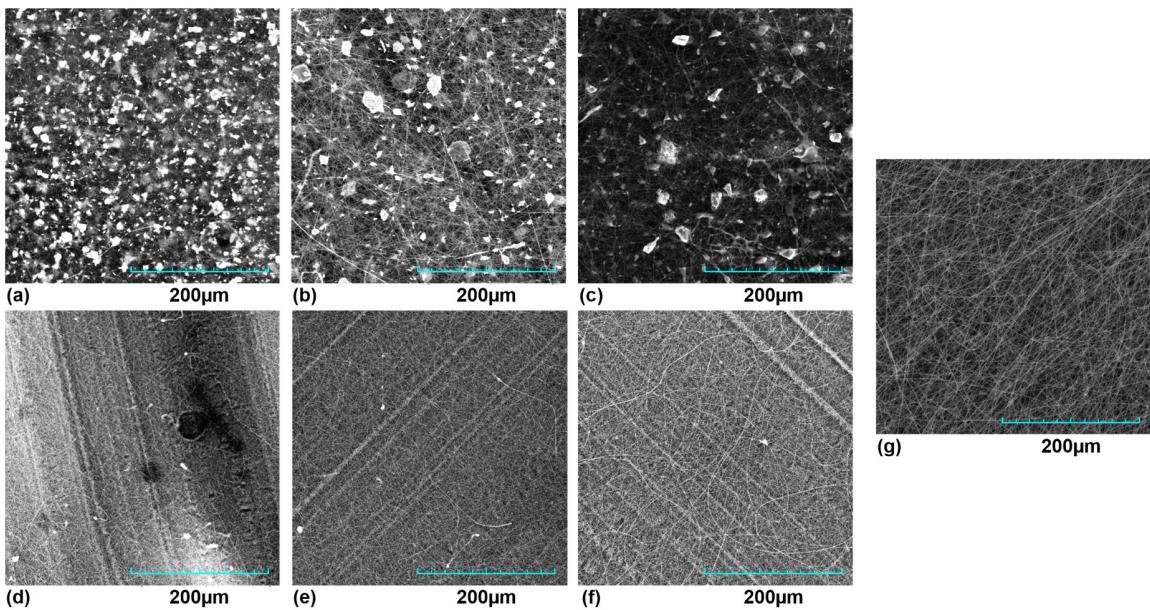
## Supplementary data



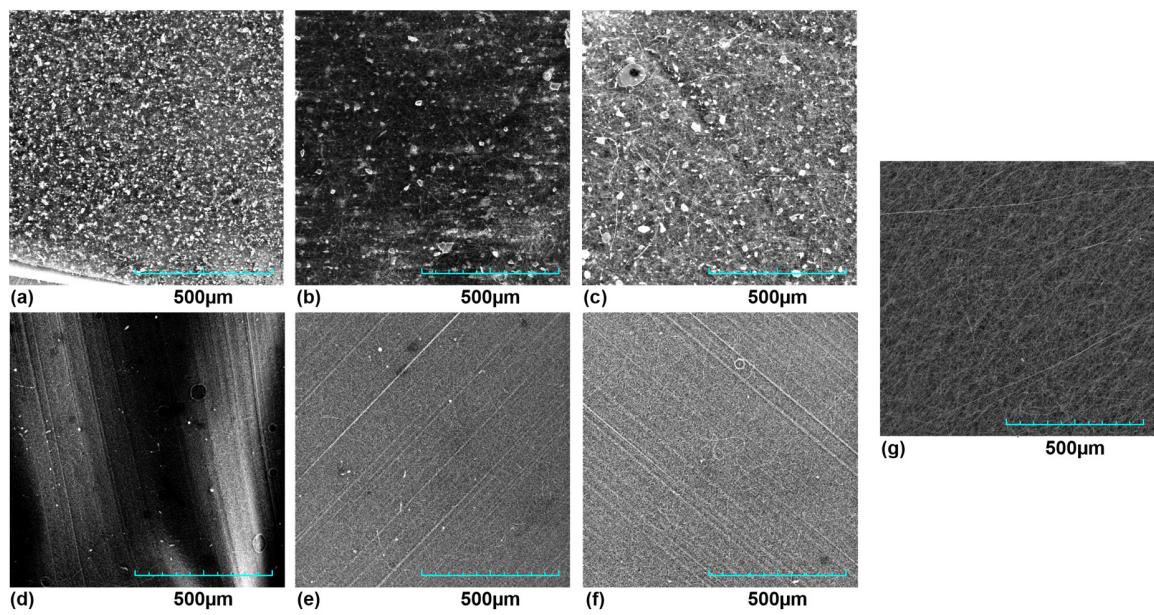
**Figure S1.** SEM micrograph of membranes. (a) FR-DA+PVP, (b) FR-OFI+PVP, and (c) FR-TP+PVP.



**Figure S2.** SEM micrograph of membranes. (a) DA+PVP, (b) OFI+PVP, (c) TP+PVP, and (d) PVP Control



**Figure S3.** SEM micrograph of membranes. (a) DA+PVP, (b) OFI+PVP, (c) TP+PVP, (d) FR-DA+PVP, (e) FR-OFI+PVP, (f) FR-TP+PVP, and (g) PVP Control



**Figure S4.** SEM micrograph of membranes. (a) DA+PVP, (b) OFI+PVP, (c) TP+PVP, (d) FR-DA+PVP, (e) FR-OFI+PVP, (f) FR-TP+PVP, and (g) PVP Control