

Supplementary Information

Double emulsions for the compatibilization of hydrophilic nanocellulose with non-polar polymers and validation in the synthesis of composite fibers

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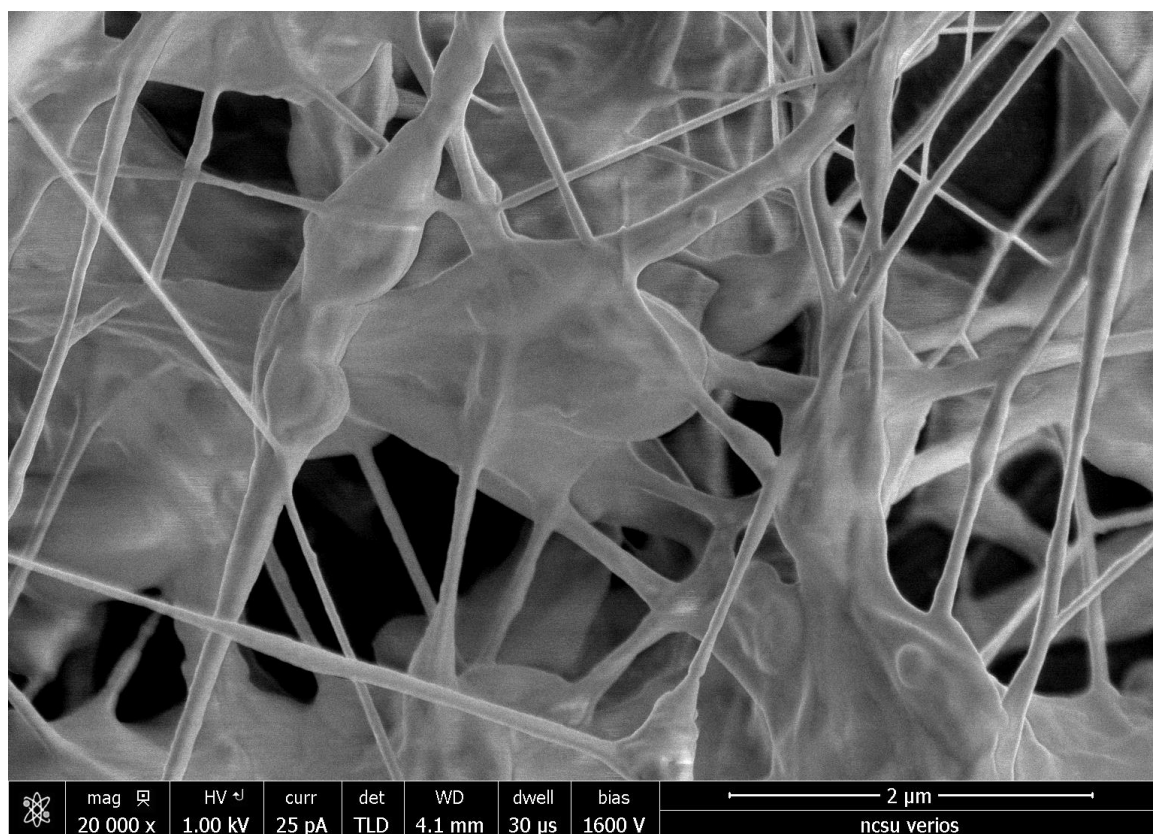


Figure S1. Fiber network electrospun from the emulsion with the PS/CNF ratio of 65:35 using 1.06 kV cm⁻¹ field strength and observed using 1 kV voltage in the SEM.

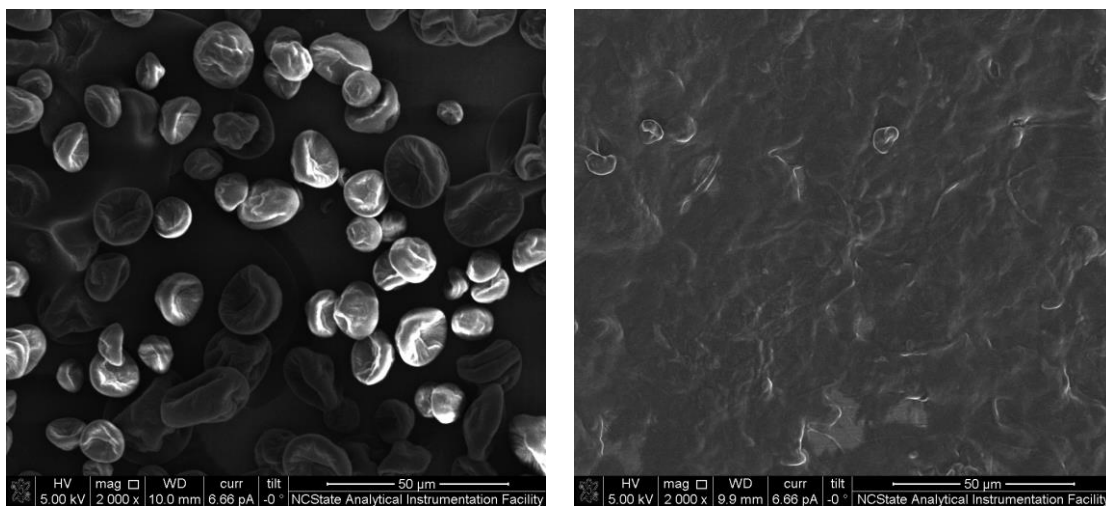


Figure S2. Solid materials obtained after electrospinning a system with PS-free systems containing 0.6% CNF, 5 wt. % surfactant, 43.2% water and 46.1% oil phase (toluene) (left). The solid obtained after processing 5.1% PS solution in toluene is also included (right).