

Zwitterionic Acetylated Cellulose Nanofibrils

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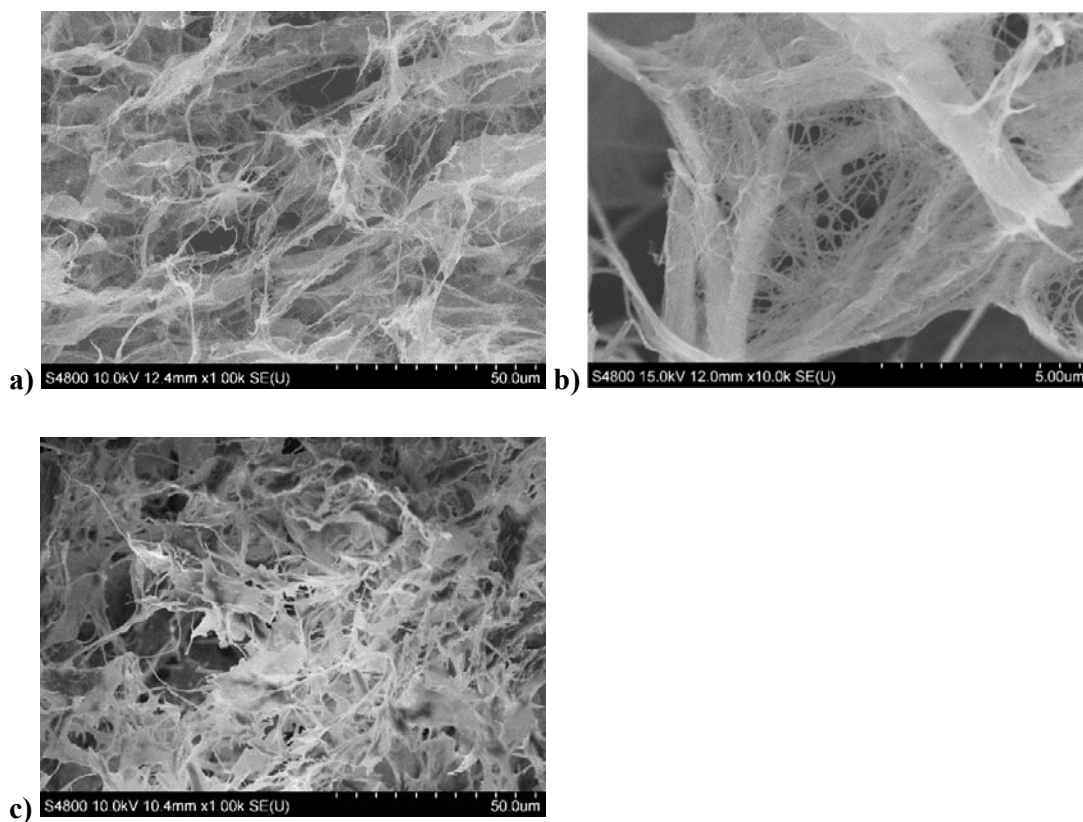


Figure S1. SEM images of a) CNF with x1000 magnification, b) CNF with x10 000 magnification, and c) ACNF-Zwi with x1000 magnification.

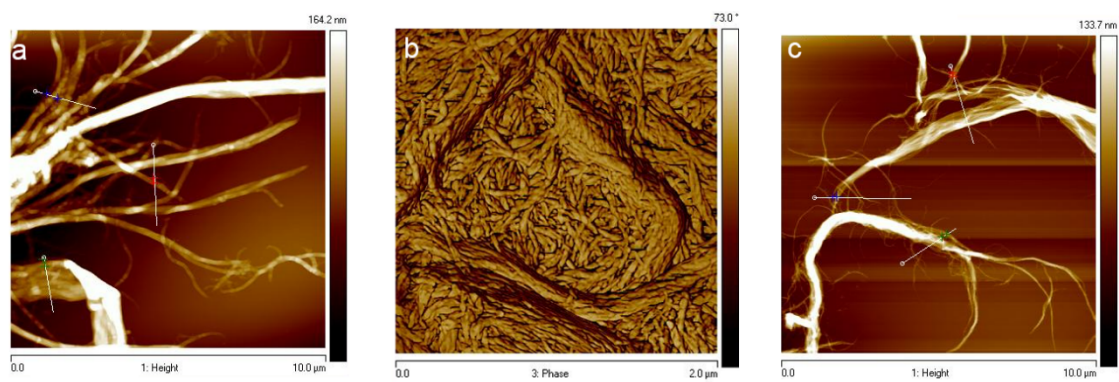


Figure S2. AFM images of a) CNF, b) ACNF, and c) ACNF-Zwi.

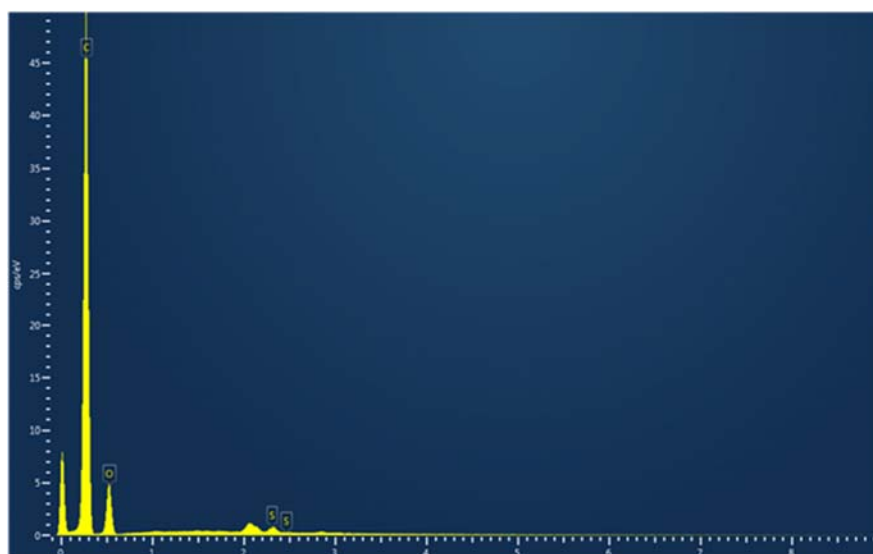
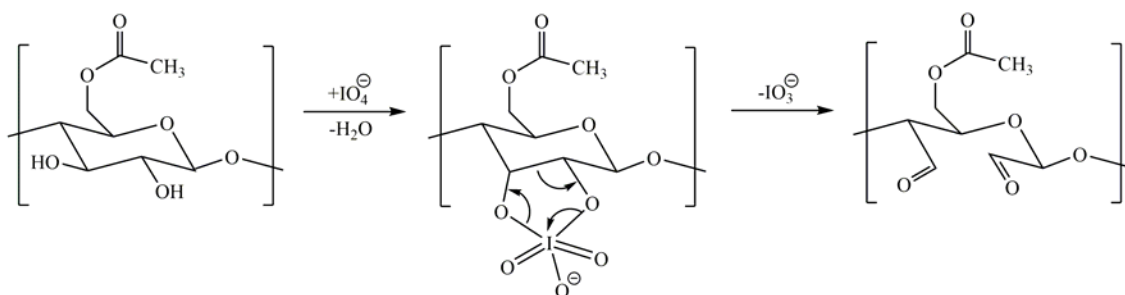
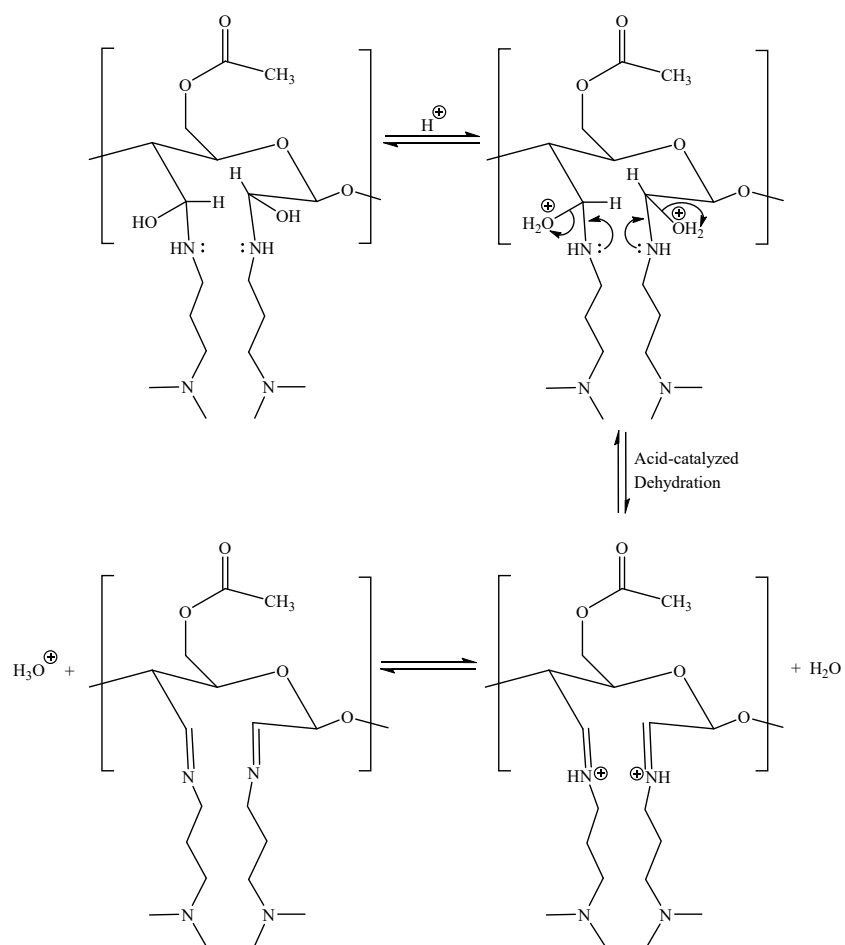


Figure S3. EDS spectrum of ACNF-Zwi.



Scheme S1. Proposed mechanism for the periodate oxidation of ACNF.



Scheme S2. Acid-catalyzed dehydration of the alcohol carbinolamine intermediate in the Schiff base reaction of ACNF-Ox.