

Supplementary Materials: Improving the Flame Retardant Efficiency of Layer by Layer Coatings Containing Deoxyribonucleic Acid by Post-Diffusion of Hydrotalcite Sanoparticles

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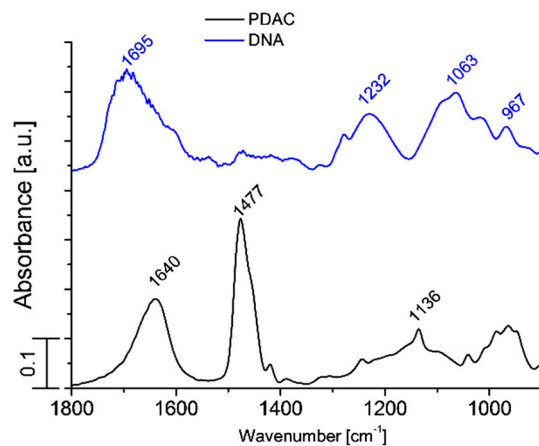


Figure S1. IR spectra of neat PDAC and DNA.

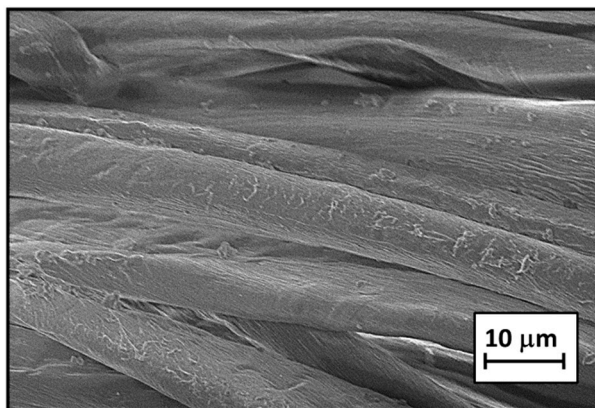


Figure S2. SEM micrograph of untreated cotton.

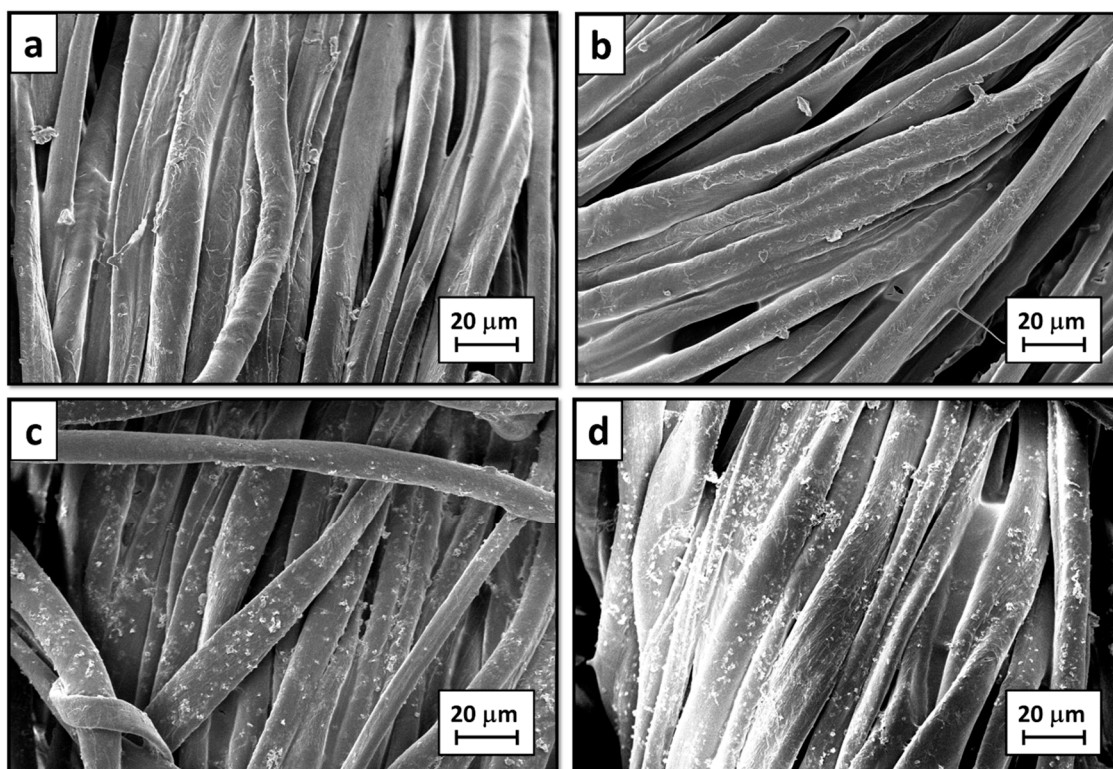


Figure S3. Low magnification SEM micrographs of (a) 5BL+0.1%_HT; (b) 10BL+0.1%_HT; (c) 5BL+1%_HT and (d) 10BL+1%_HT.

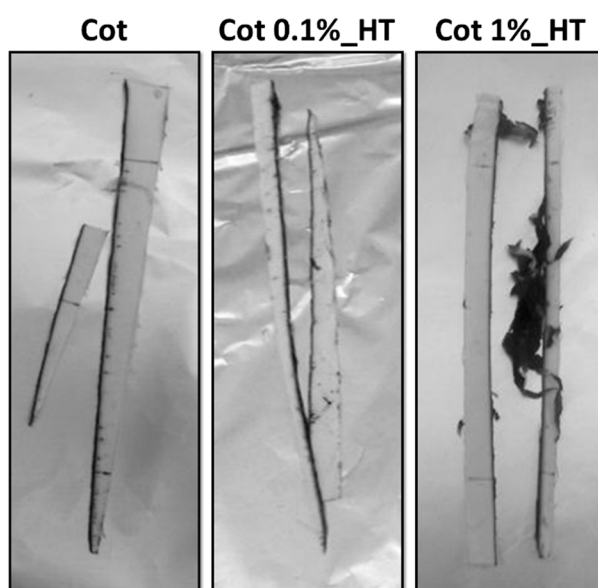


Figure S4. Post-combustion residues of neat cotton and cotton treated with simple adsorption of HT nanoparticles.

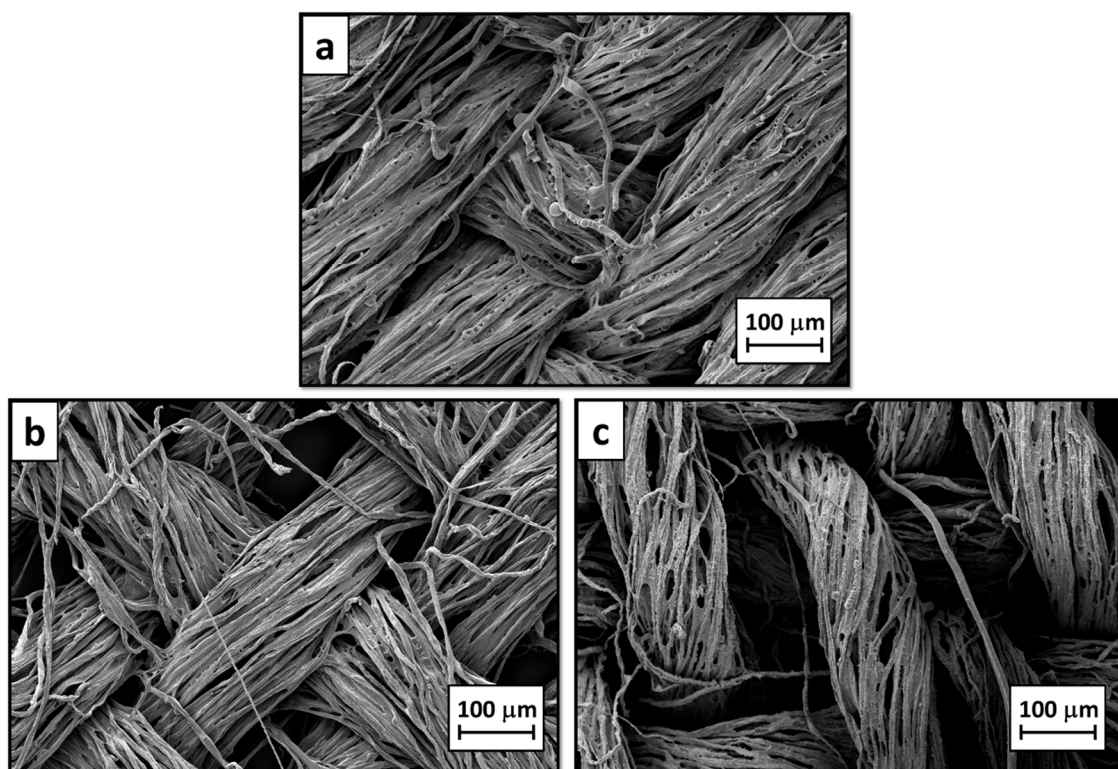


Figure S5. Low magnification SEM micrographs of post-combustion residues: (a) 10BL; (b) 10BL+0.1%_HT and (c) 10BL+1%_HT.