

## Chitin nanowhiskers as an alternative antimicrobial controlled release carrier †

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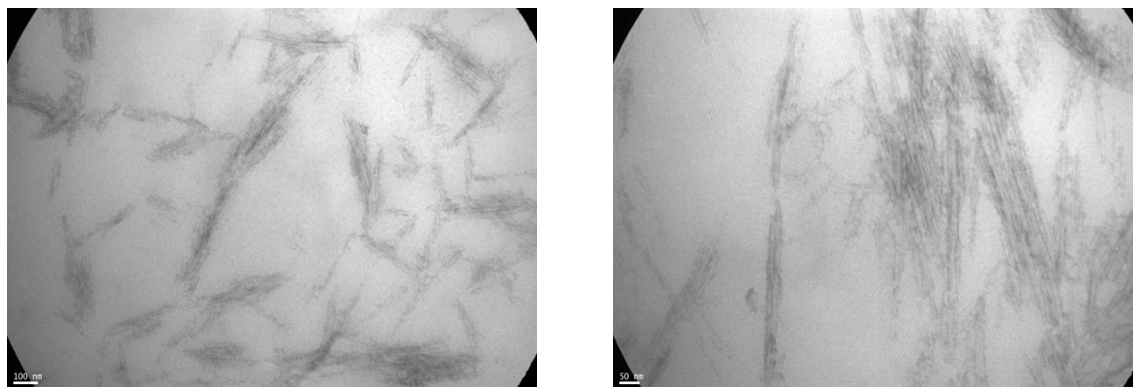
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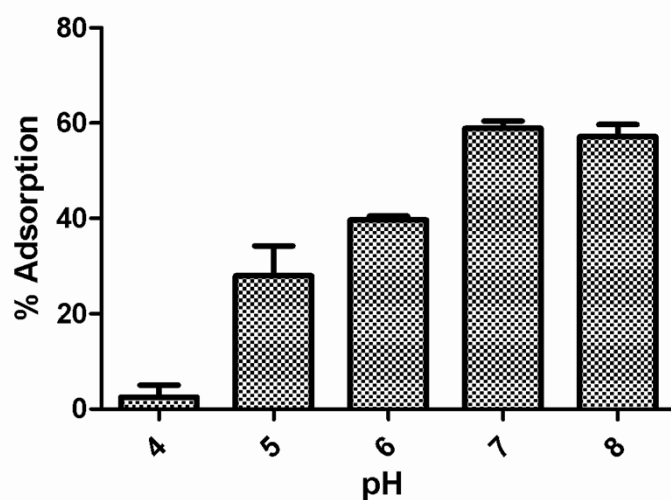
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### Electronic Supporting information

ESI 1: CNW TEM images



ESI 2: Methylparaben adsorption in CNW at different pHs



ESI 3: Diffusion agar test against *P. aeruginosa* and *S. aureus*

<i>S.aureus</i>				
Treatment	Washing cycle			
	5	10	15	20
FM	Not sufficient	Not sufficient	Not sufficient	Not sufficient
FMT	Not sufficient	Not sufficient	Not sufficient	Not sufficient
FMW	Not sufficient	Not sufficient	Not sufficient	Not sufficient
FMWT	Sufficient	Sufficient	Sufficient	Sufficient
<i>P. aeruginosa</i>				
Treatment	Washing cycle			
	5	10	15	20
FM	Sufficient	Sufficient	Not sufficient	Not sufficient
FMT	Sufficient	Sufficient	Sufficient	Not sufficient
FMW	Not sufficient	Sufficient	Sufficient	Not sufficient
FMWT	Sufficient	Sufficient	Sufficient	Sufficient