

Supplementary Information: Development and Characterization of Hemicellulose Based Films for Antibacterial Wound Dressing Application

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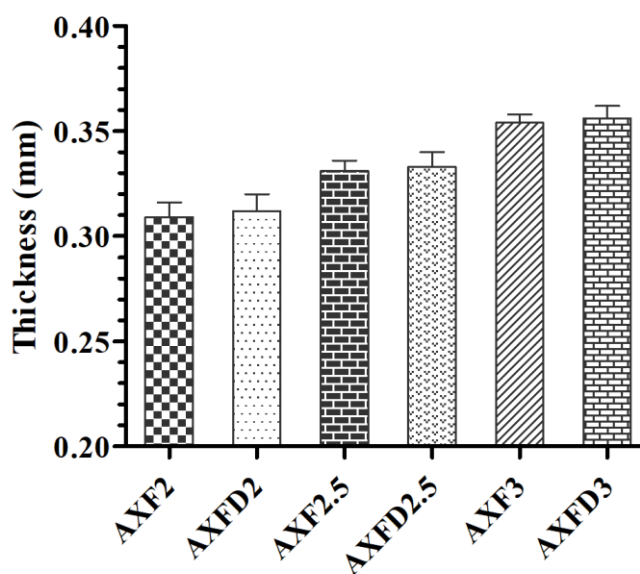


Figure S1. Thickness of AX Films (mean \pm SD, n = 3).

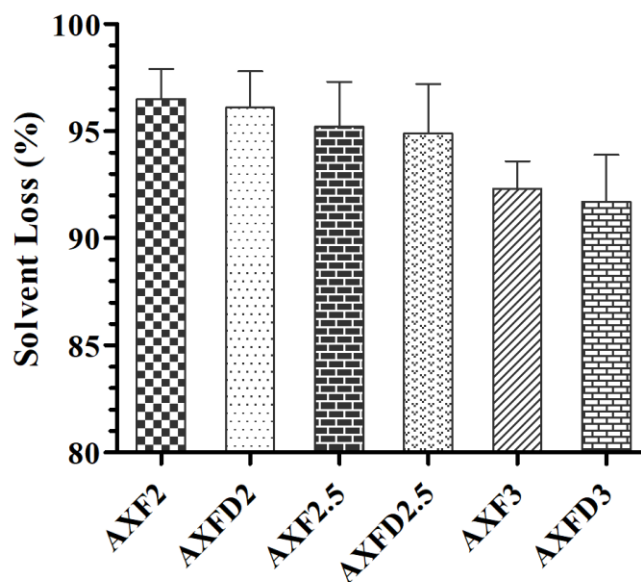


Figure S2. Solvent (water) loss (%) during AX film casting (mean \pm SD, n = 3).

Table S1. TGA steps of the pure AX, blank AX films and GM-loaded pAX films.

Sample	Step I		Step II		Step III		Residue	
	Temp. (°C)	Wt. Loss (%)	Temp. (°C)	Wt. Loss (%)	Temp. (°C)	Wt. Loss (%)	Temp. (°C)	Wt. (%)
AX	<120	11.5	230 to 335	40.5	>410	12.2	500	28.3
AXF2	<110	16.6	160 to 260	42.3	>310	16.2	450	12.4
AXDF2	<110	15.6	160 to 260	51.1	>310	16.5	450	3.3
AXF2.5	<120	14	180 to 260	50.3	>310	11.9	450	10.3
AXDF2.5	<120	11.5	180 to 260	43.7	>310	11.6	450	13.6
AXF3	<120	13.5	185 to 270	38.4	>315	10.5	450	20.5
AXDF3	<120	13.9	185 to 270	41.3	>315	11.3	450	16.6