Antioxidant, antimicrobial, and cytotoxicity properties of chitosan-PVA film functionalised with chitooligosaccharide and gallic acid for shelf-life extension of perishable foods

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Table S1 Composition and percentage of biomaterials in developing chitosan films.

Film type	Chitosan (2%) w/v	PVA (10%) (w/w of CH)	COS (w/w of CH)	GA (w/w of CH)
CH	0.4 g	-	-	-
CP2	0.4 g	0.2 g	-	-
CP5	0.4 g	0.2 g	0.02 g	-
CP6	0.4 g	0.2 g	0.04 g	-
CP7	0.4 g	0.2 g	-	0.02 g
CP8	0.4 g	0.2 g	-	0.04 g
CP9	0.4 g	0.2 g	0.02 g	0.02 g
CP10	0.4 g	0.2 g	0.04 g	0.04 g
CP11	0.4 g	0.2 g	0.04 g	0.02 g
CP12	0.4 g	0.2 g	0.02 g	0.04 g

PVA: Polyvinyl alcohol, COS: Chitooligosaccharides, and GA: Gallic acid

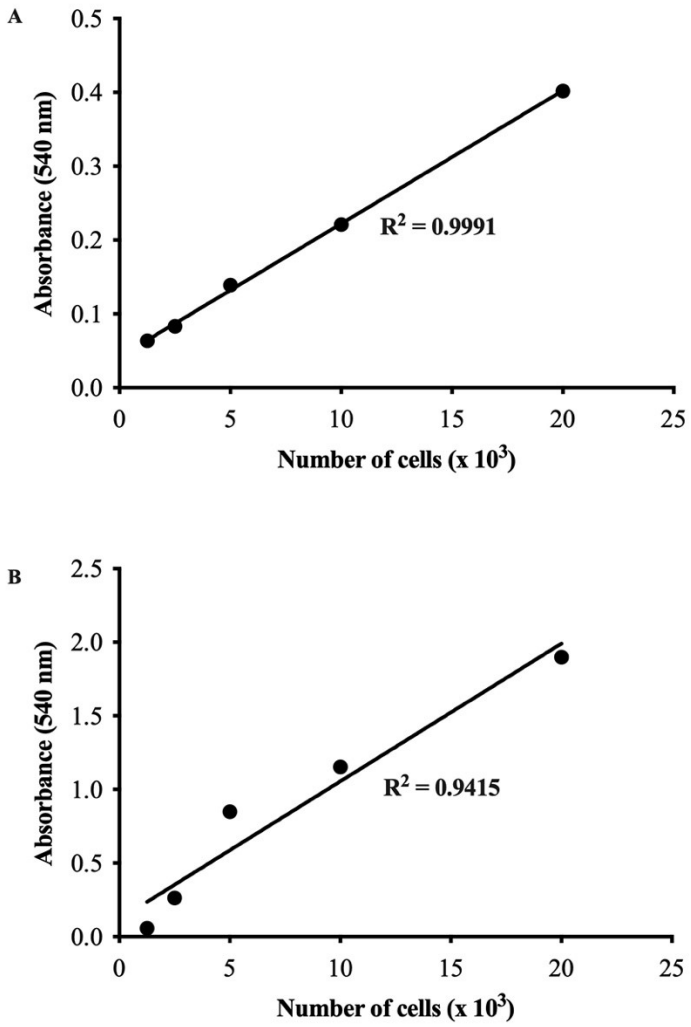

Fig. S1 Standard curve of HaCaT (A) and Caco-2 cells (B).