

Supporting Information

Tissue adhesive, self-healing, biocompatible, hemostasis, and antibacterial properties of fungal-derived carboxymethyl chitosan-polydopamine hydrogels

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Table S1: Formulations of hydrogels

Formulations	DA/AAm (Wt %)	DA (mg)	FCMCS (g)	AM (g)	BIS (mg)	APS (mg)	TEMED (μL)
FCMCS	0	0	0.25	2	5.0	50	10
0.2DA-FCMCS	0.2	4	0.25	2	5.0	200	10
0.4DA-FCMCS	0.4	8	0.25	2	5.0	200	10

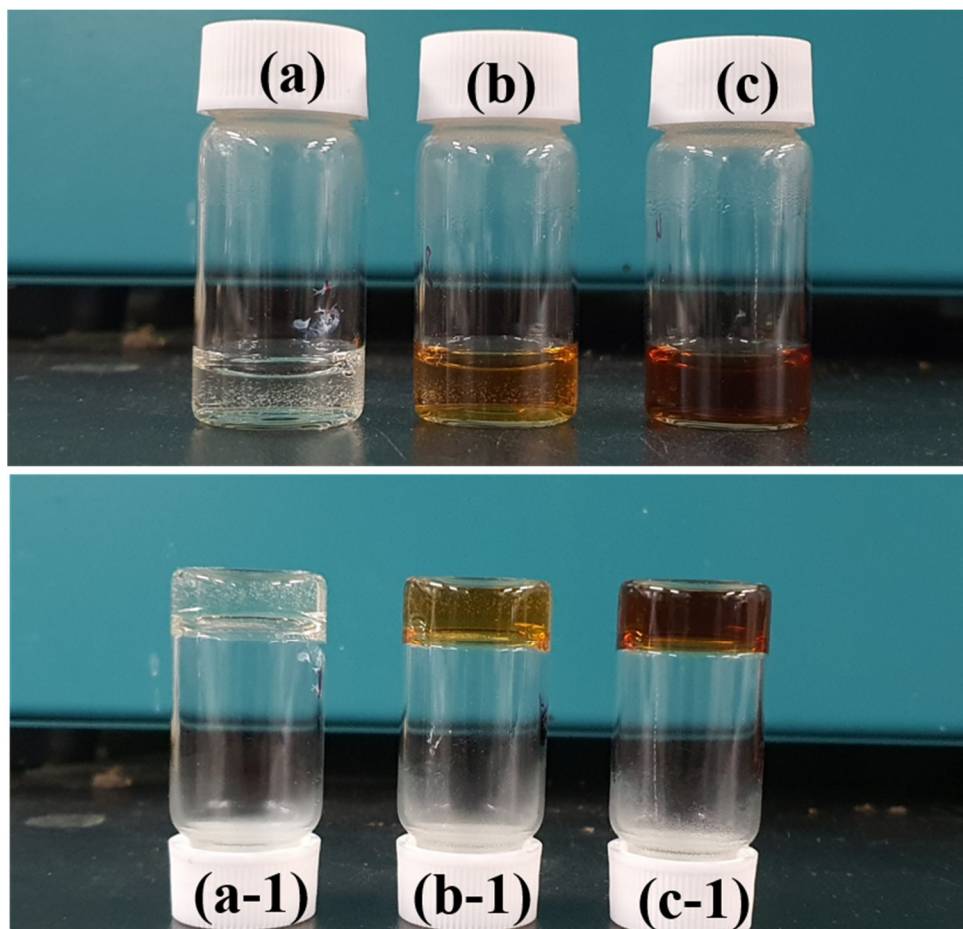
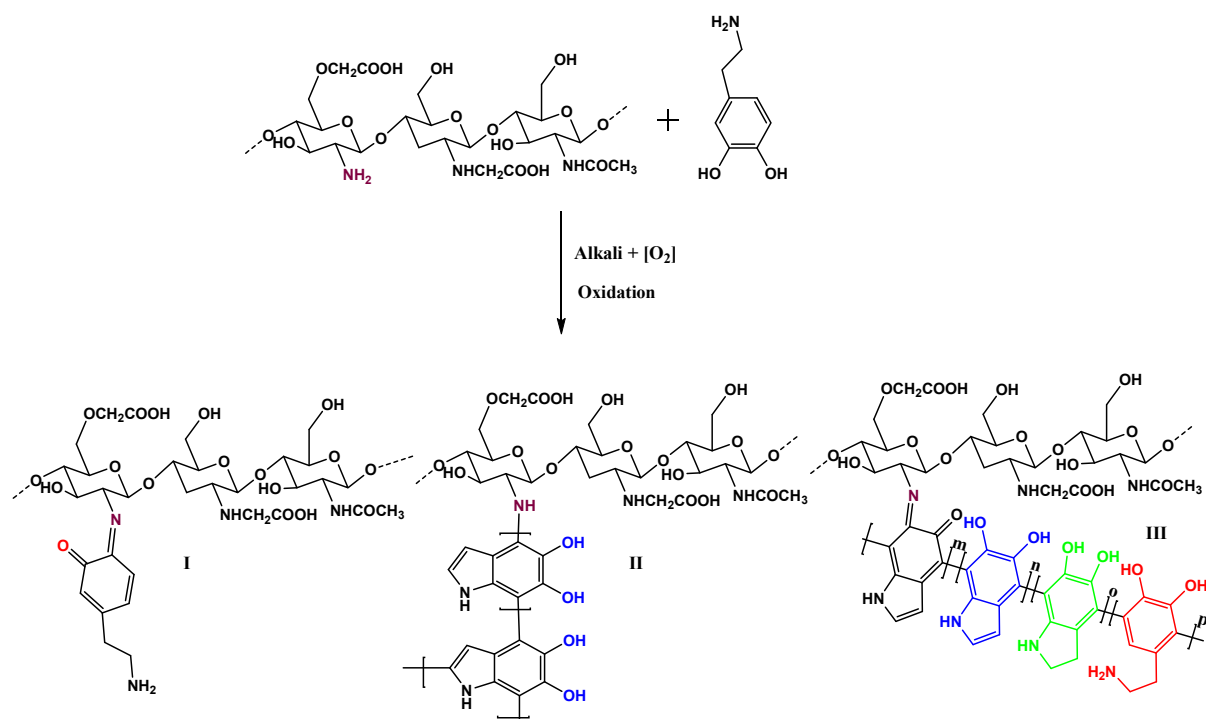


Figure S1. Digital photographs of hydrogel formulations (a) and (a-1) FCMCS (b) and (b-1) 0.2DA-FCMCS, (c) and (c-1) 0.4DA-FCMCS.



Scheme S1: Schematic representation of possible chemistry of FCMCS-PDA reaction