



**Figure S1.** Histopathological study. **(a)** Control group for excision model **(b)** povidone 5% group for excision model **(c)** n-Hexane hydrogel 5% group for excision model **(d)** n-Hexane hydrogel 10% group for excision model **(e)** Control group incision model **(f)** povidone 5% incision model **(g)** n-Hexane hydrogel 5% group incision model **(h)** n-Hexane hydrogel 10% group incision model