

Supplementary material to

Novel composite zinc-alginate hydrogels with activated charcoal aimed for potential applications in multifunctional primary wound dressings

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Hem. Ind. **00 (0)** XXX–XXX (2019)

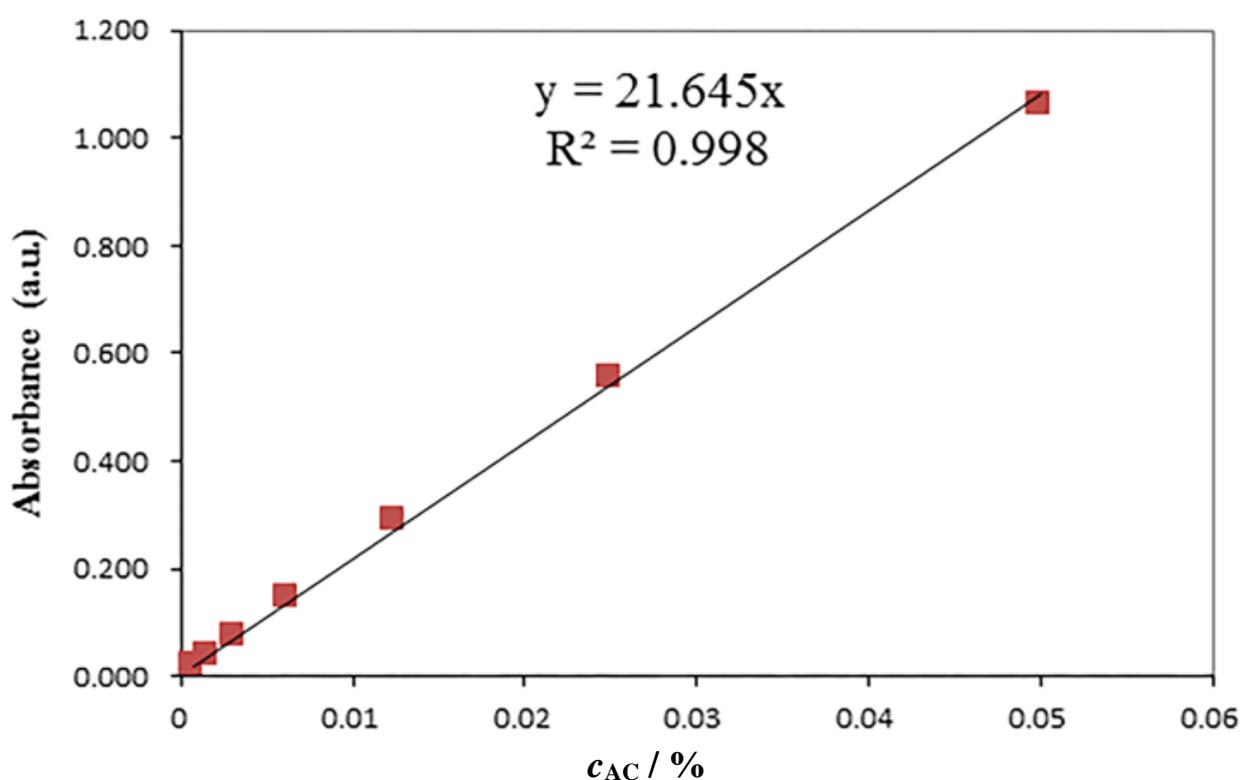


Figure 1S. Calibration curve for detection of AC



Figure 2S. Composite ZnA/AC hydrogel in the form of (a) fibre; (b) sheet; (c) film

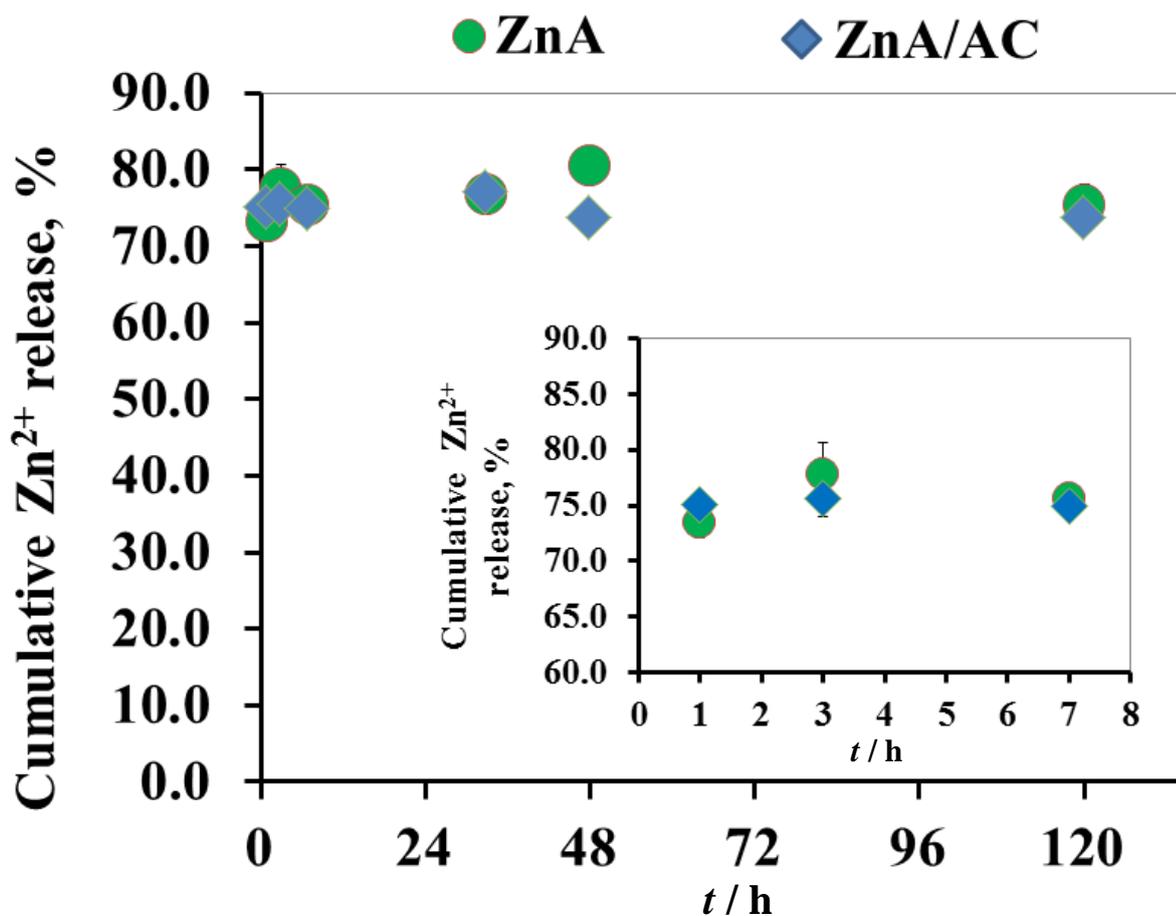


Figure 35. Release profiles of Zn²⁺ from ZnA and ZnA/AC in physiological saline solution at 37 °C during the overall period of 5 days and during the initial period of 8 h (inset)

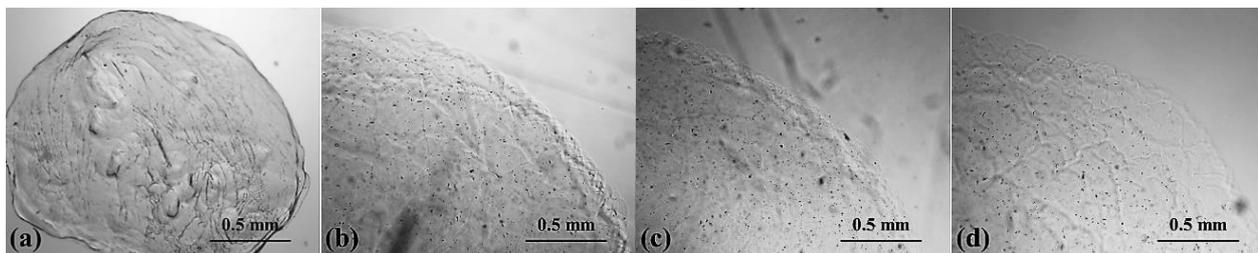


Figure 45. Optical micrographs of the surface of ZnA beads immersed in saline solution at: (a) the initial time point; (b) after 24 h; (c) after 48 h; (d) after 5 days; (scale bar = 0.5 mm)