Supporting information

Supercritical CO\textsubscript{2} drying of Alginate/zinc hydrogel: Green and Facile route
to Prepare ZnO Foamy-Structure and ZnO Nanoparticles
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Fig. A1. TGA curves of the Alg/Zn-X2, Alg/Zn-X3, Alg/Zn-A2 and Alg/Zn-A3 materials.
**Fig. A2.** XDR pattern of (a) Alg/Zn-X1 and (b) Alg/Zn-A1 dried on air and CO₂ supercritical conditions respectively.

**Fig. A3.** SEM images of ZnO-A1 foams.
Fig. A4. SEM images of ZnO-A2 foams.

Fig. A5. SEM images of ZnO_A3 foams.