

Supplementary material

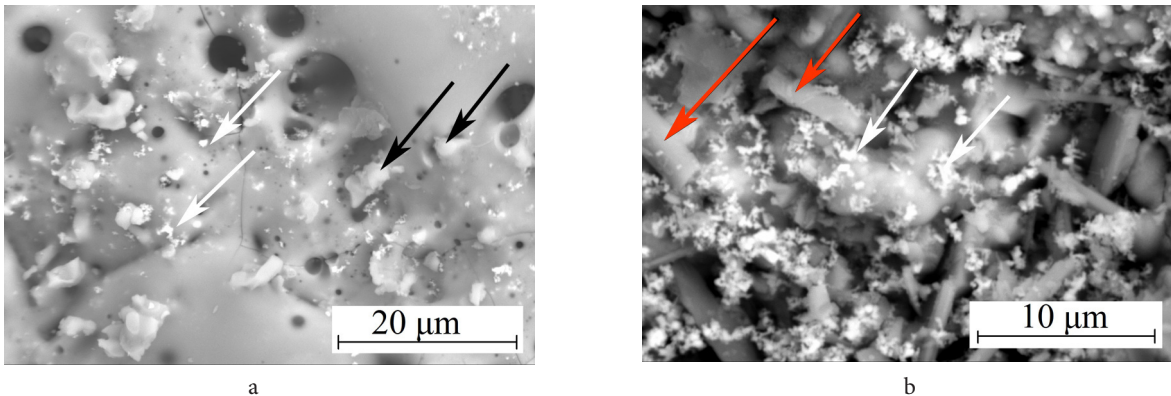


Fig. S1. (Color online) SEM images of the coating surface for Zn-TCP (a), and Zn-Wol (b).

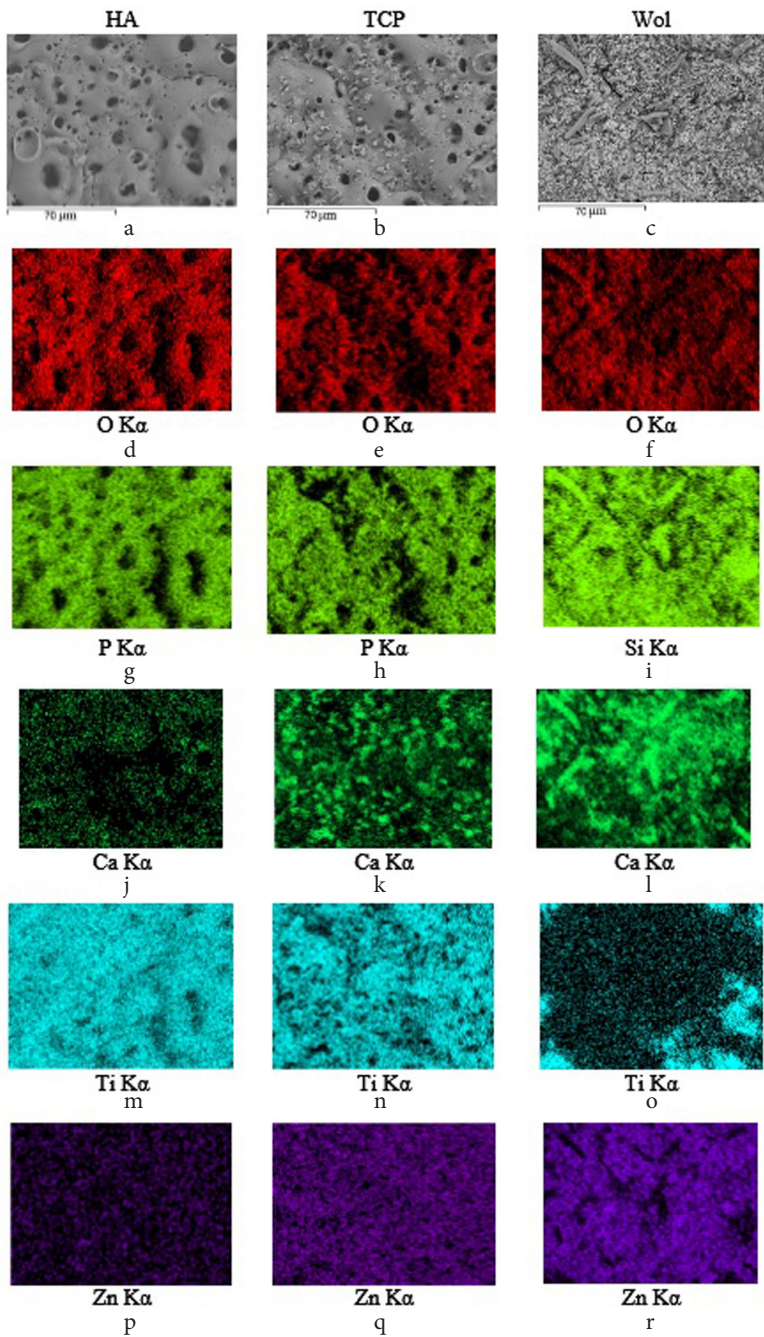
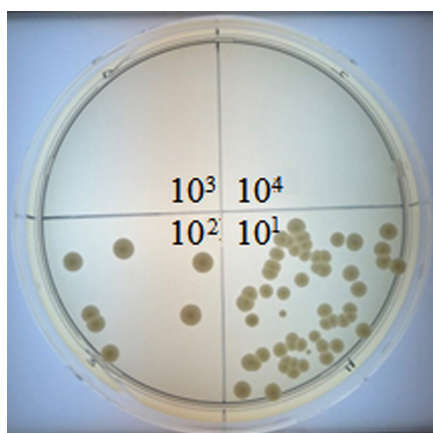
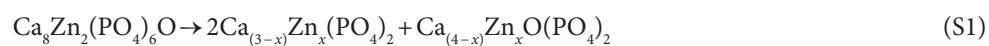
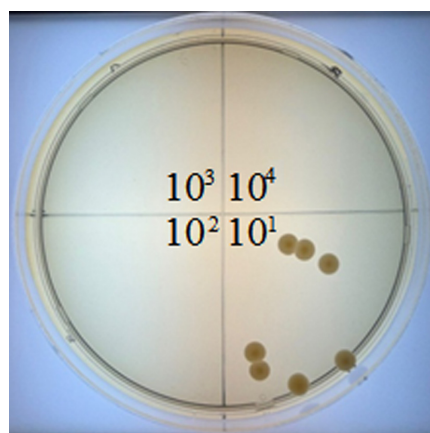


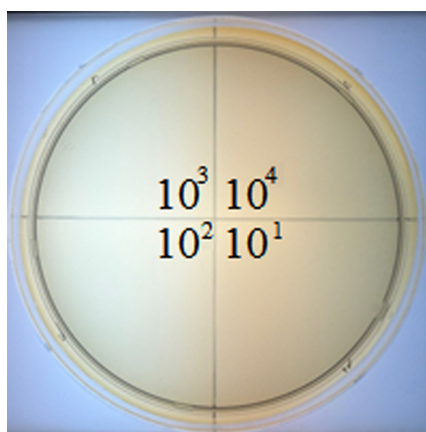
Fig. S2. (Color online) SEM images of coatings (a – c) and elements distribution maps (d – r).



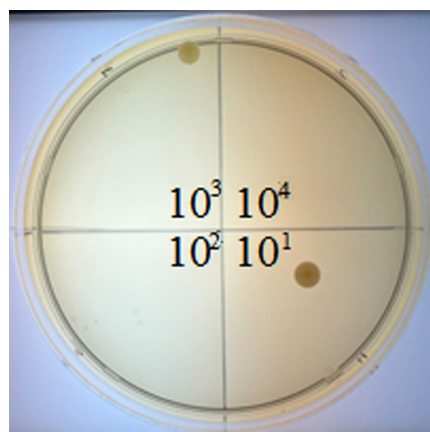
a



b



c



d

Fig. S3. (Color online) Photographs of Petri dishes with grown colonies of *S. aureus* after incubation with extracts of the samples: control (a), Zn-HA (b), Zn-TCP (c), Zn-Wol (d). Dilutions in Petri dish sectors from 10^4 to 10^1 CFU/ml.