Supporting Information for

ZnO nanoparticles as an antimicrobial tissue adhesive for skin wound closure

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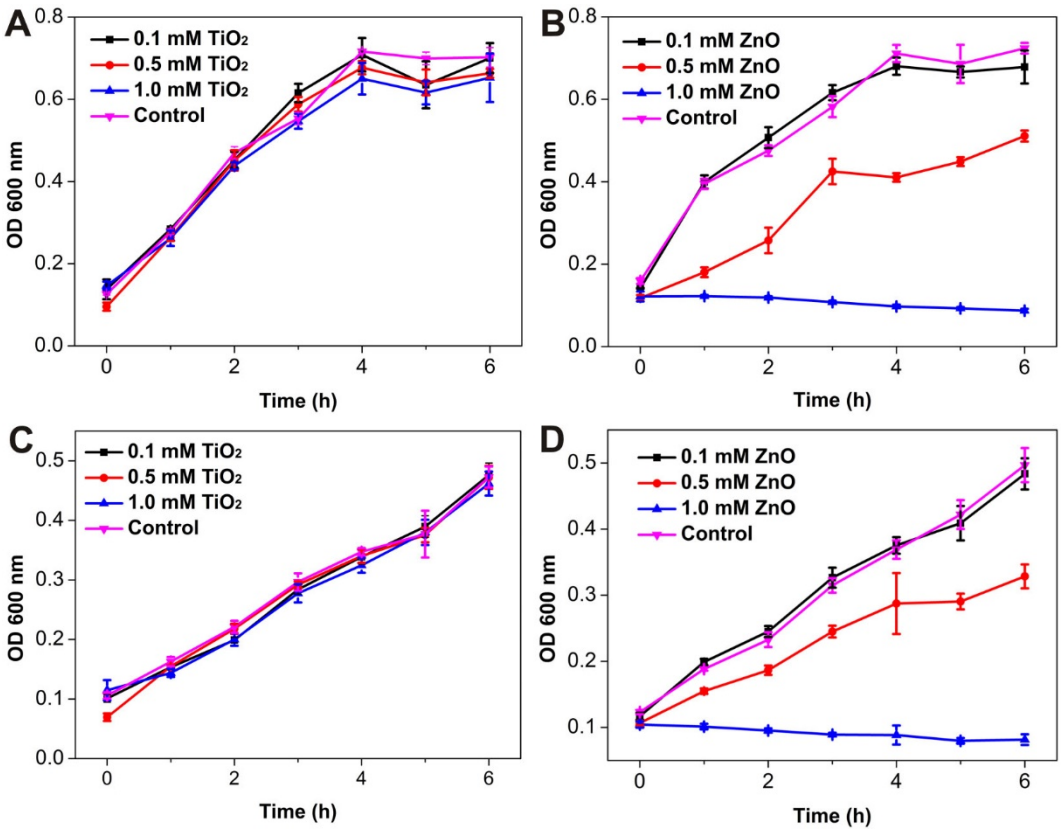

Figure S1. Antimicrobial effects of TiO_2 and ZnO nanoparticle. Antimicrobial assay of (**A**) TiO_2 nanoparticles and (**B**) ZnO nanoparticles against *E.coli.* ATCC25922. Antimicrobial assay of (**C**) TiO_2 nanoparticles and (**D**) ZnO nanoparticles against *E.coli.* DH5a.

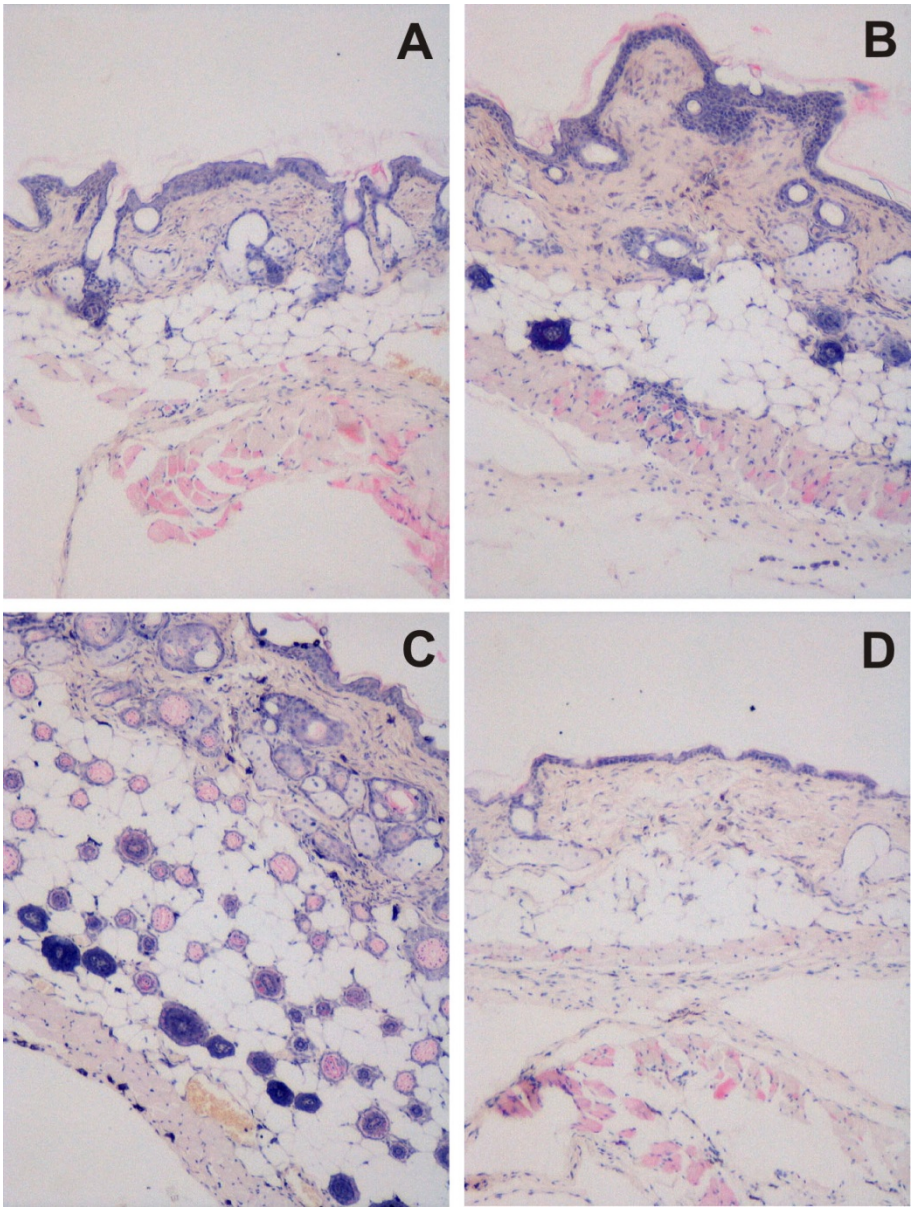

Figure S2. Wound healing of full thickness cutaneous incisions on nude mice model at day 9. Representative histological images of the wound healing treated by (A) commercial topical skin adhesive (Histoacryl®) and (B) SiO_2, (C) TiO_2, and (D) ZnO nanoparticles, respectively.

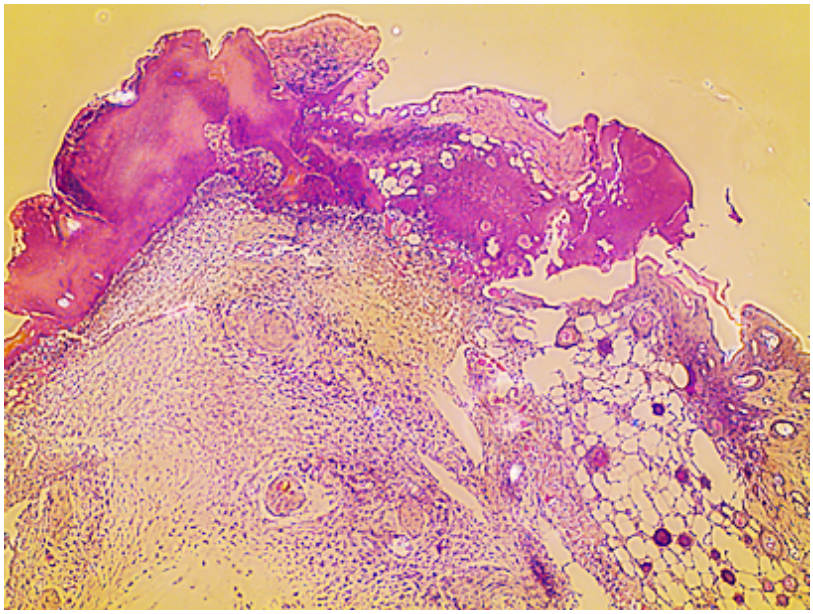

Figure S3. Full thickness cutaneous incisions on nude mice model at day 3.