

## Supporting Information

### Ultrasound-Launched Targeted Nanoparticle Enhances Antibacterial Sonodynamic Therapy for Effective Eradication of *Pseudomonas Aeruginosa* Biofilms

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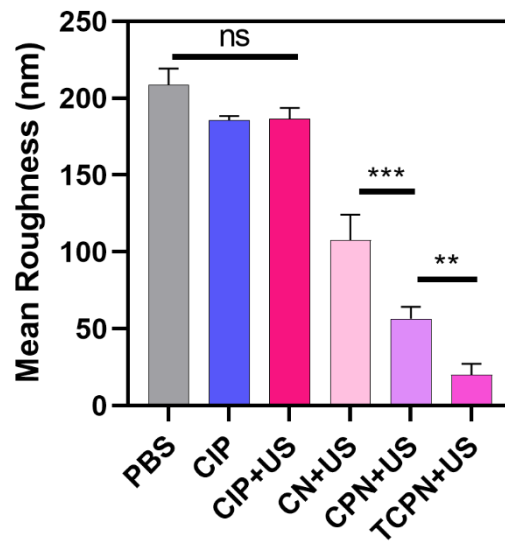
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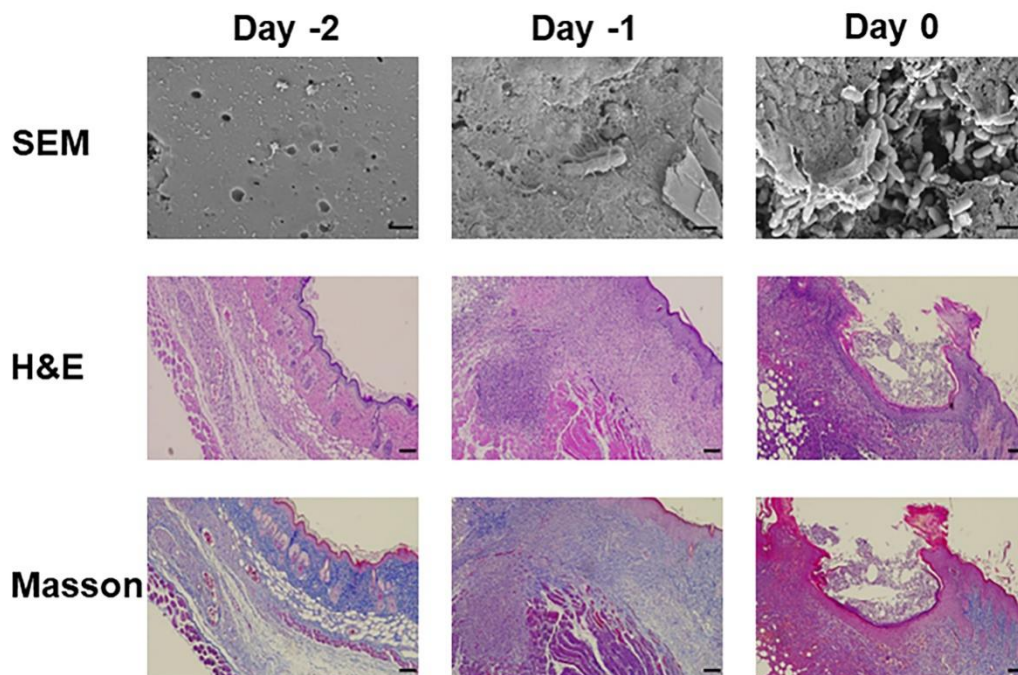
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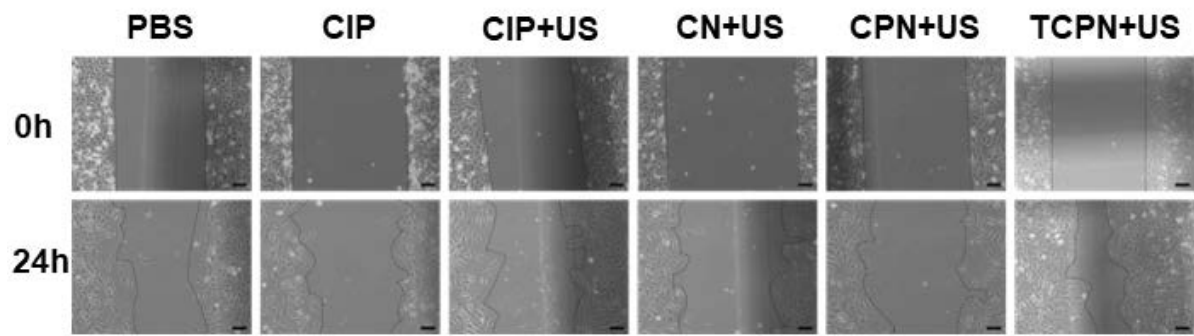
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**Figure S1.** The AFM measurement of average surface roughness of biofilms after treatment with different groups. Data represented as mean  $\pm$  SD. Statistical significances were made via one-way ANOVA with Dunnett's test. Statistical p value: \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ , and \*\*\*\* $p < 0.0001$ .



**Figure S2.** Successful establishment of the subcutaneous biofilm model of *Pseudomonas aeruginosa* infection in mice. Bacterial suspensions were injected subcutaneously. At 24 and 48 hours afterwards, mice were euthanized and infected tissues were collected for SEM, H&E staining, and Masson staining, respectively.



**Figure S3.** Representative images of scratch assay of HUVECs after treatment for 24 h. Scale bar = 500  $\mu\text{m}$ .