## Supporting Information

## A Controllable Local Drug Delivery System Based on Porous Fibers

for Synergistic Treatment of Melanoma and Promoting Wound

Healing

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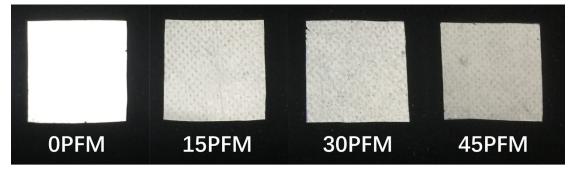
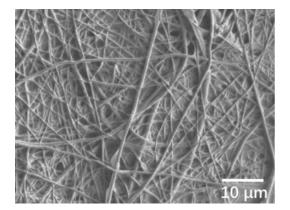


Fig. S1 Photographs of porous fiber membrane incorporated with different amounts of CuS nanoparticles.



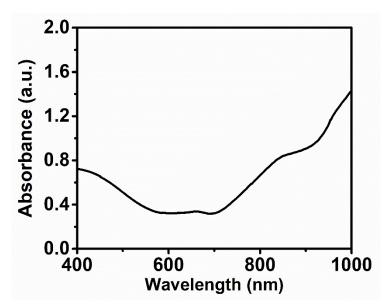


Fig. S3 Ultraviolet-visible absorption spectroscopy of CuS.

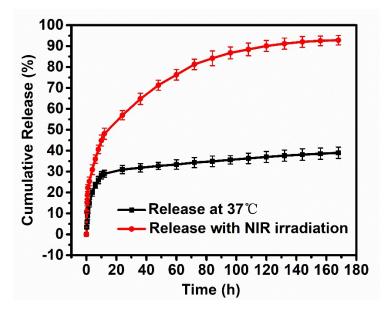


Fig. S4 Drug release profiles of 30PFMP at 37°C and under NIR laser irradiation.

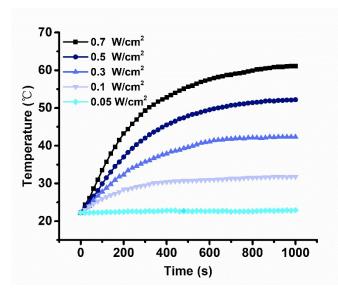


Fig. S5 The photothermal heating curves with different laser power densities after irradiation for 1000 s in the wet environment (1ml PBS).



Fig. S6 Photographs of the tumor and surrounding skin on day 0, day 4, day 8 and day 14 after various treatment.

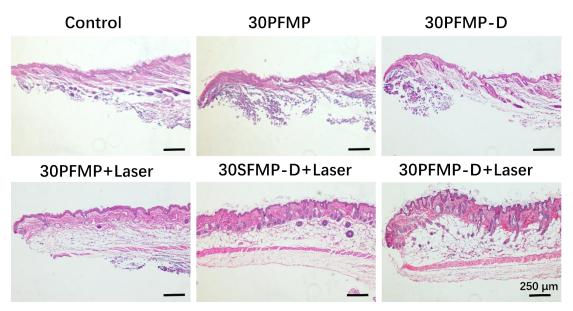


Fig. S7 H&E staining images of skin wounds at the tumor site on day 14 of control, 30PFMP, 30PFMP-D, 30PFMP+Laser, 30SFMP-D+Laser, 30PFMP-D+Laser groups.