

Support information

TiO₂ particles

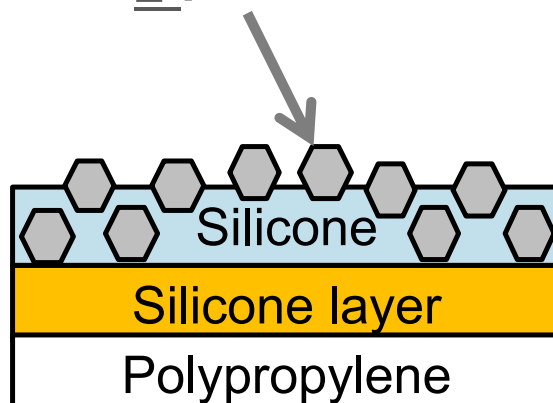


Figure S1. Schematic of the coated layers.

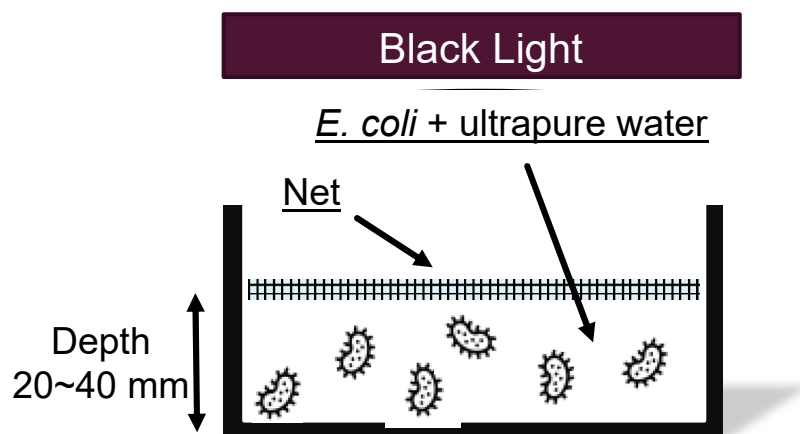


Figure S2. Schematic of the antibacterial test setup.

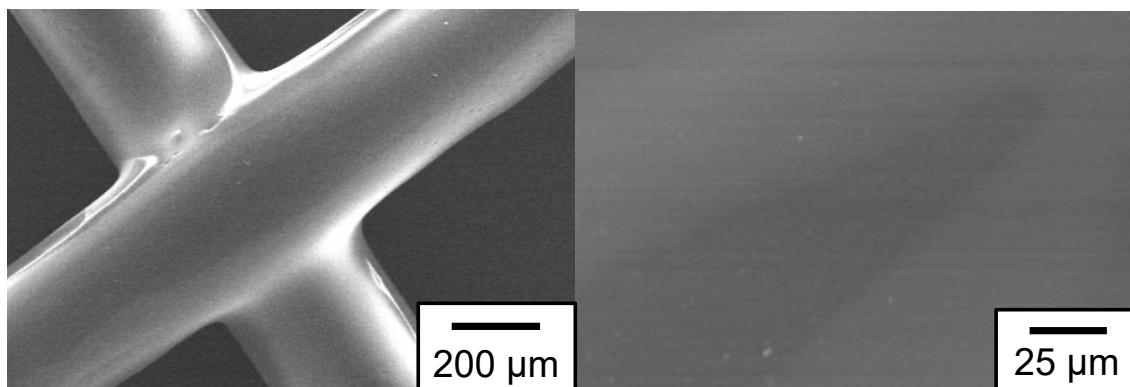


Figure S3. SEM images of the silicone-layer coated polypropylene net at different magnifications.

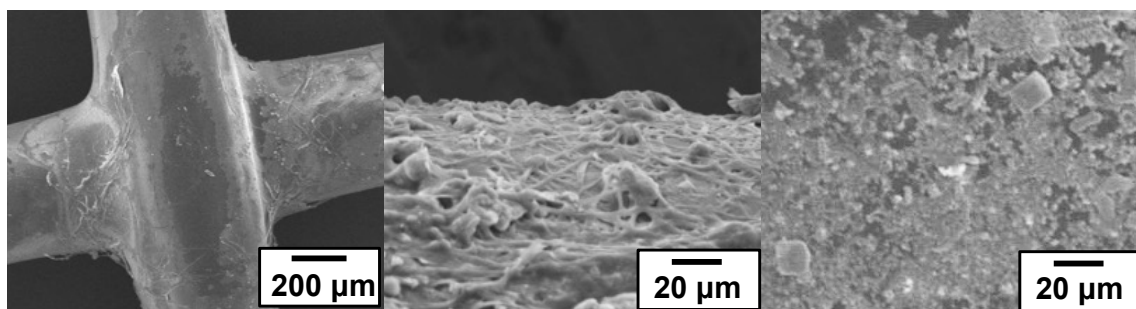


Figure S4. SEM images of algae and diatom growth on the HDTMS-TiO₂ net surface.