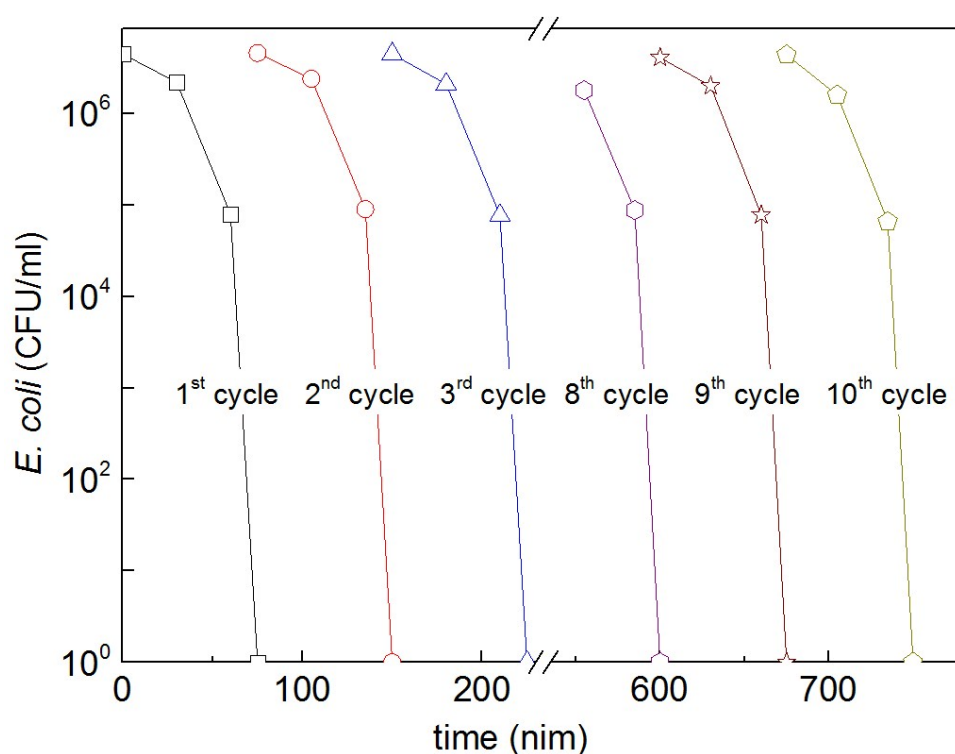


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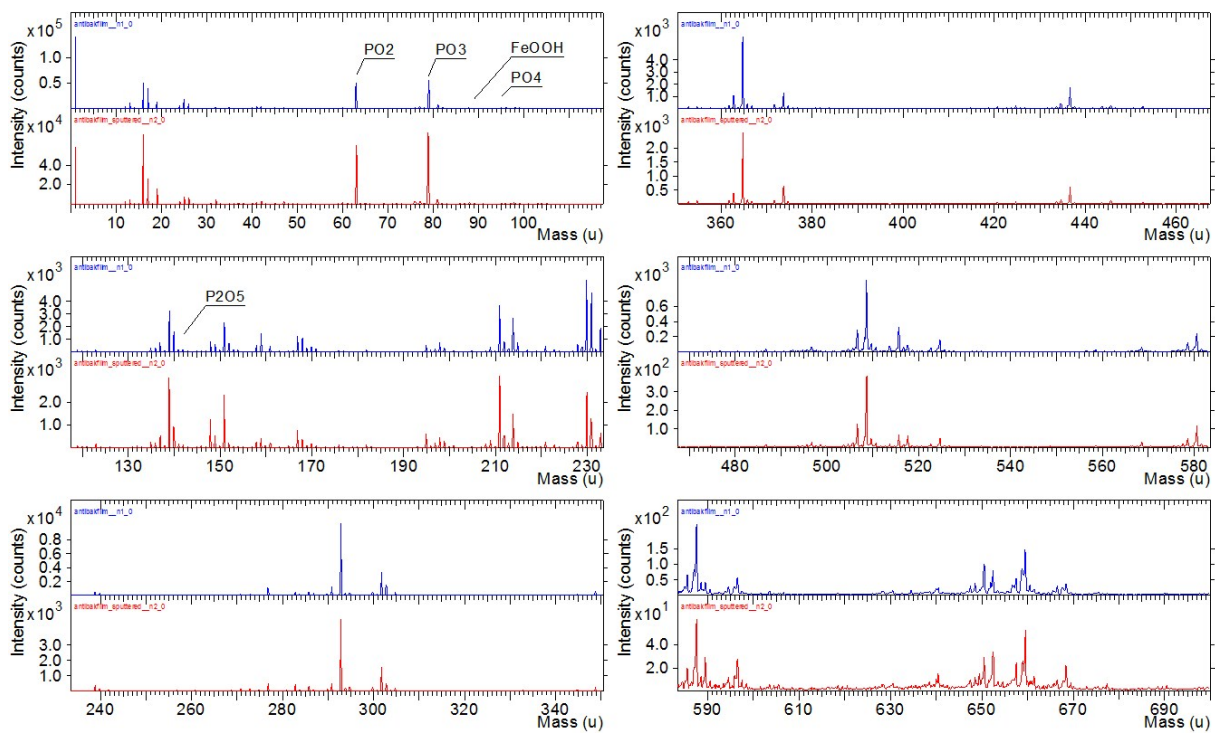
Innovative self-sterilizing transparent Fe-phosphate polyethylene films under visible light.

Sami Rtimi ¹, Alexander Gulin ², Rosendo Sanjines ³, Cesar Pulgarin ¹, Victor Nadtochenko ⁴, John Kiwi ¹

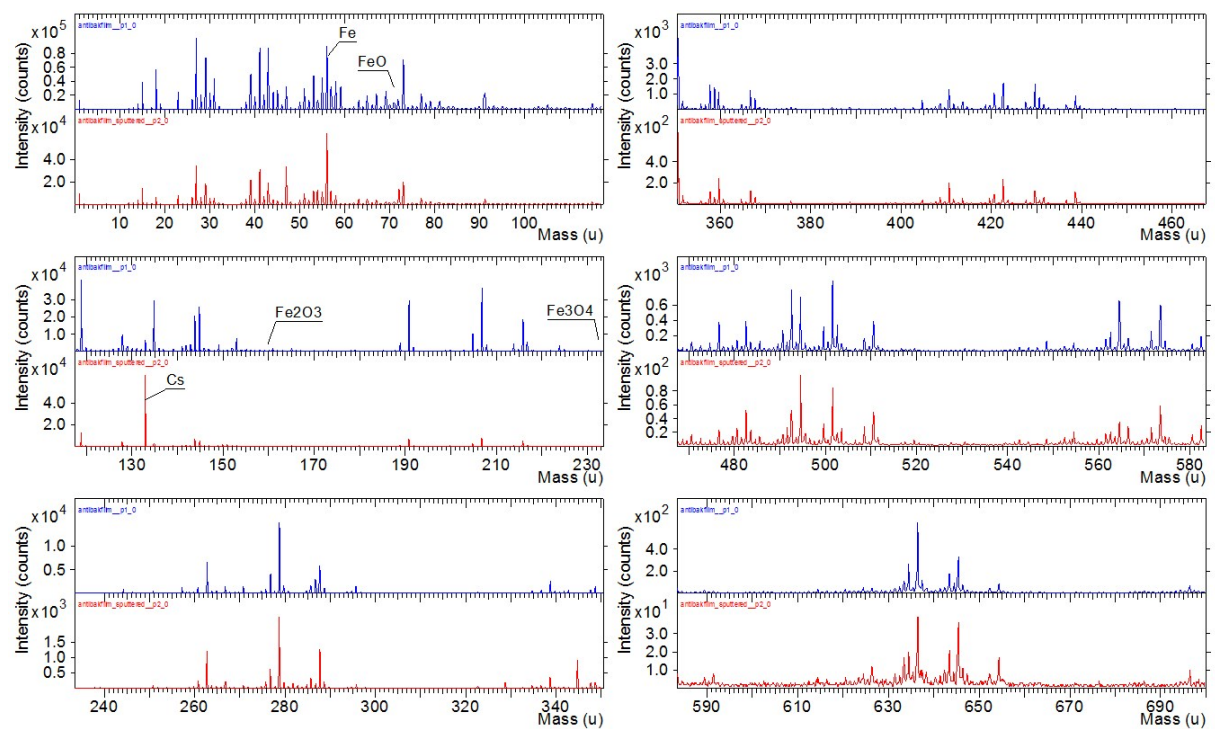
Supplementary Material



S1. Recycling of FeOx-POxHD-PET up to 10 bacterial inactivation cycles. After each cycle the sputtered fabric was washed with distilled water and 1M NaOH. For more details see text.



Mass spectrometry (TOF-MS) of negatively charged ions on the surface of FeO_x-PO_x-HDPET



S2: Mass spectrometry (TOF-MS) of positively charged ions on the surface of FeO_x-PO_x-HDPET