

Supporting Information

Superior performance of macroporous over gel type polystyrene as support for the development of photo-bactericidal materials

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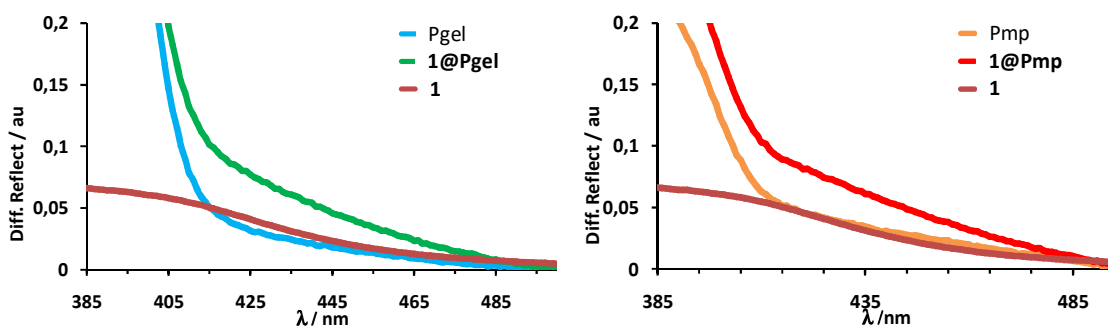


Figure S1: Diffuse reflectance spectra of (left) P_{gel} , $1@P_{gel}$ and 1 in ethanol; and (right) P_{mp} , $1@P_{mp}$ and 1 in ethanol.

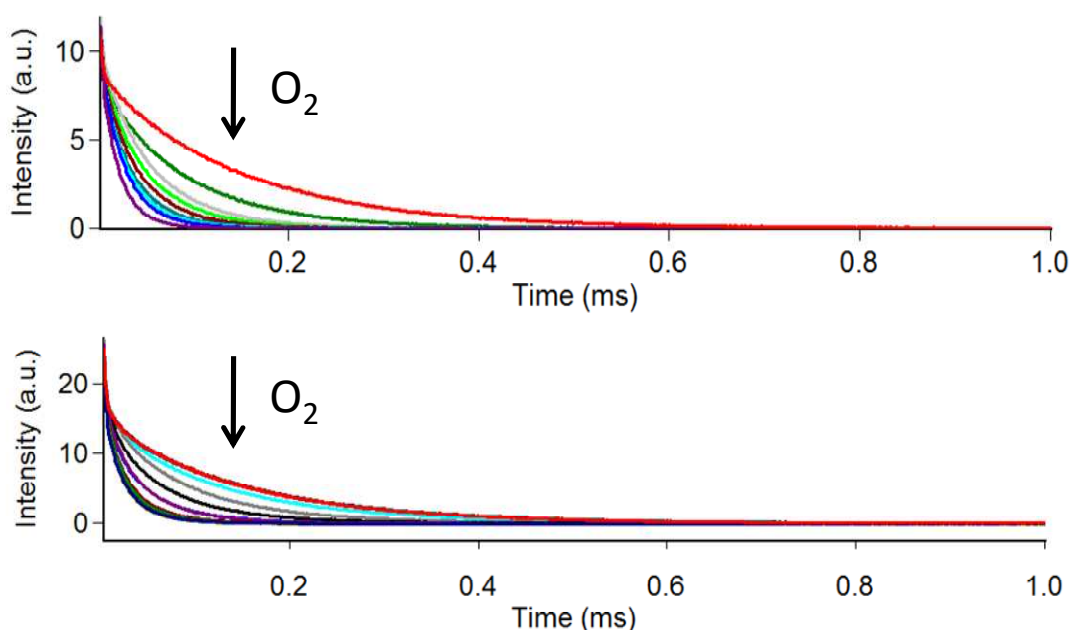


Figure S2. Time resolved emission decays of $1@P_{gel}$ (top) and $1@P_{mp}$ (down) and quenching in the presence of oxygen.

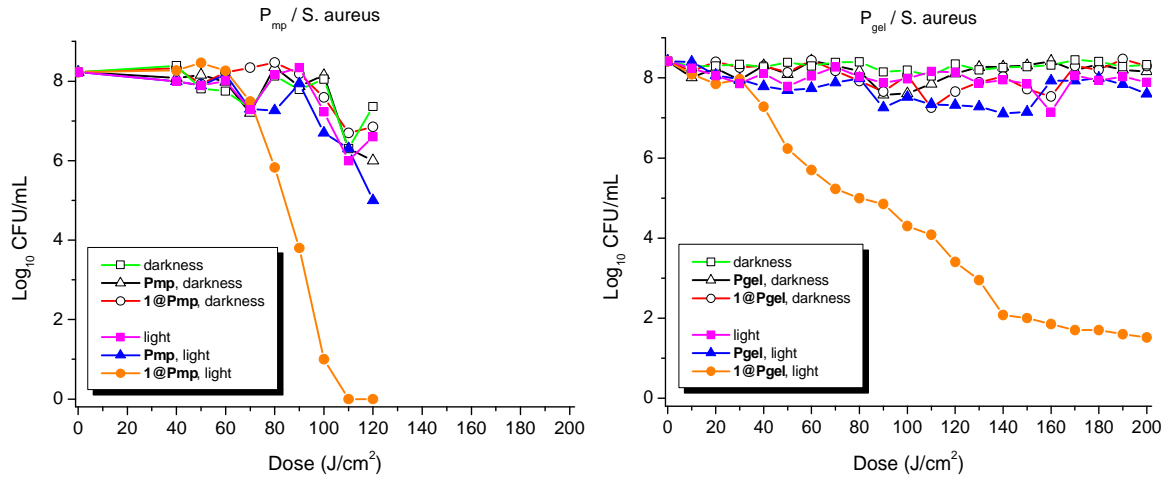


Figure S3: Full set of photoinactivation assays with *S. aureus* / 1@Pmp (left) / 1@Pgel (right) and the respective controls

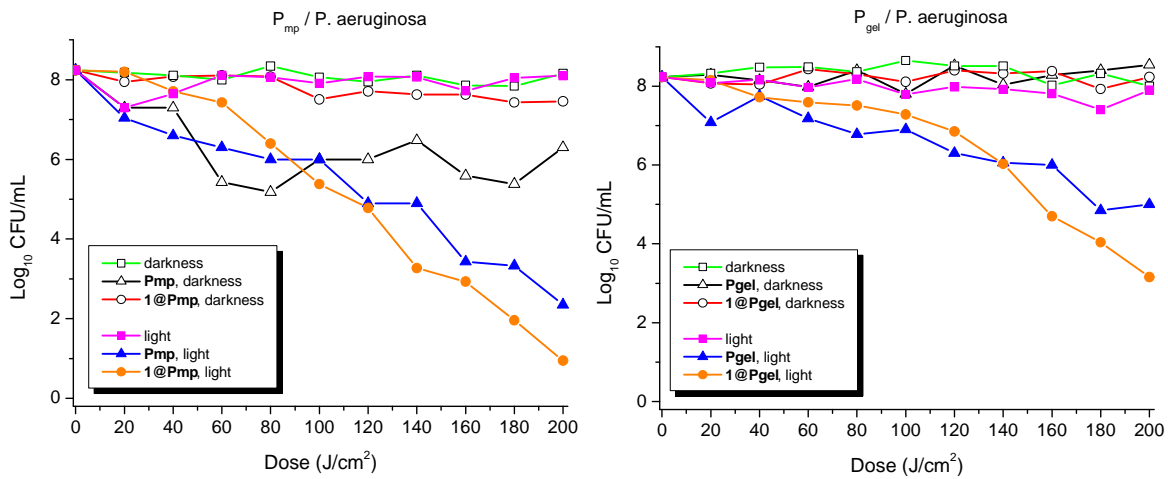


Figure S4: Full set of photoinactivation assays with *P. aeruginosa* / 1@Pmp (left) / 1@Pgel (right) and the respective controls