Supporting Information

Direct Grafting of Tetraaniline via Perfluorophenylazide Photochemistry to Create Antifouling, Low Bio-adhesion Surfaces

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The measured I-V curve of pristine PET film, the MALDI-TOF spectrum of synthesized tetraaniline, the microscope images of surface coverage of *Staphylococcus epidermidis* on unmodified and modified PET films, stability of the modified PES membrane, and the atomic force microscope images showing topologies of unmodified and modified PES membranes are provided in the Supporting Information at DOI:



Figure S1. The I-V characteristic of the unmodified PET film.

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Figure S2. Microscopic images showing the surface coverage of *Staphylococcus epidermidis* on the (a, b) unmodified, (c, d) 1, (e, f) 5, and (g, h) 10 times modified PET films.



Figure S3. Photo showing a modified PES membrane which has been kept in water for almost one year.



Figure S4. Atomic force microscope images showing topologies of (left column) unmodified, and (right column) modified PES membranes.



Figure S5. MALDI-TOF spectrum showing the molar mass of synthesized TANI.