Electronic Supplementary Material (ESI) for Materials Advances.

Supporting Information:

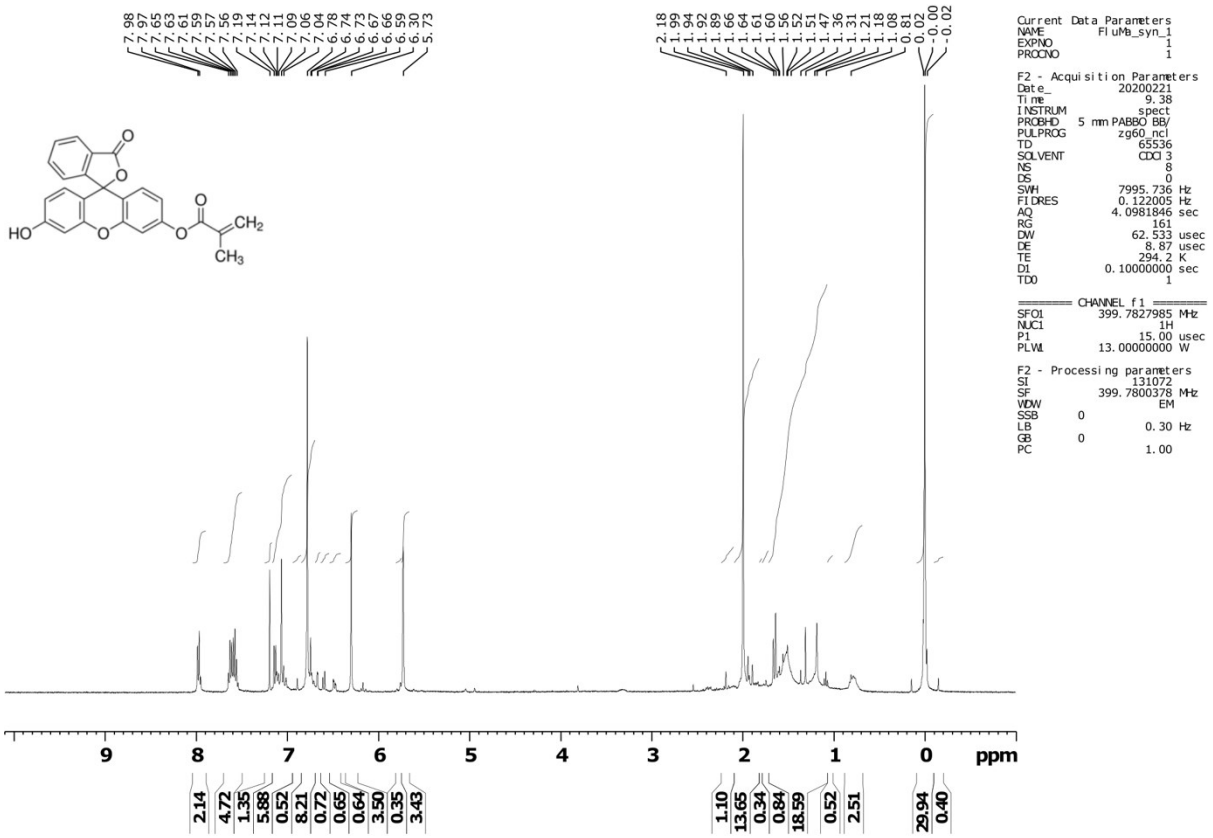

Figure A1 – ^{1}H NMR spectrum of the synthesised FluMa.

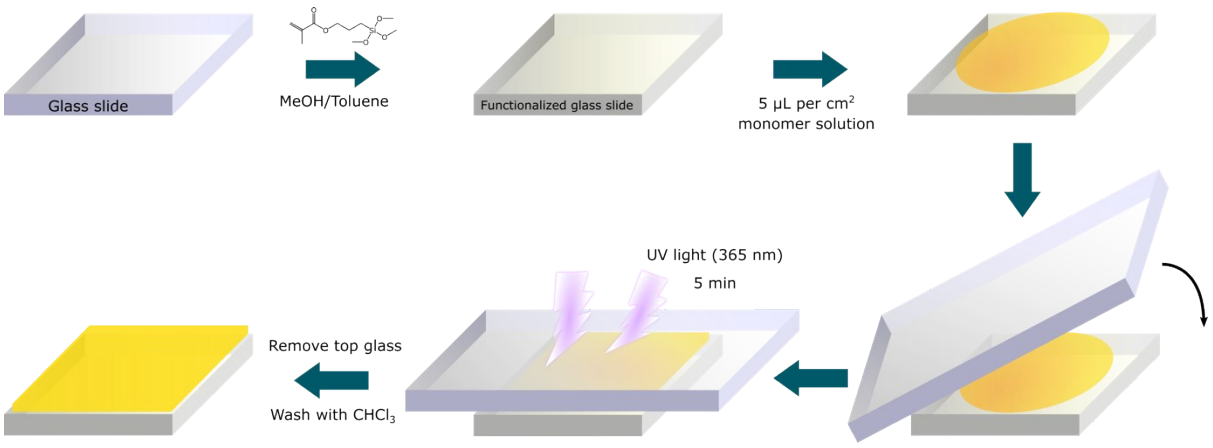

Figure B1 - Schematic of protocol for the formation of imprinted polymer films on glass substrate.

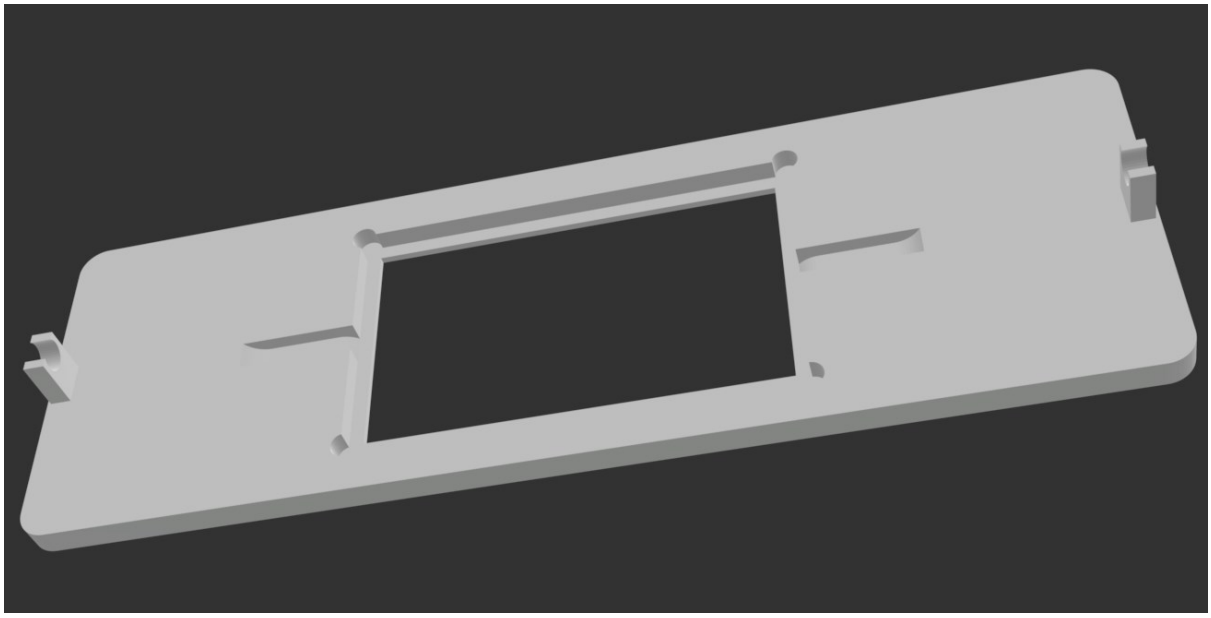

Figure C1 - 3D render of custom designed flow cell holder for microscope analysis.

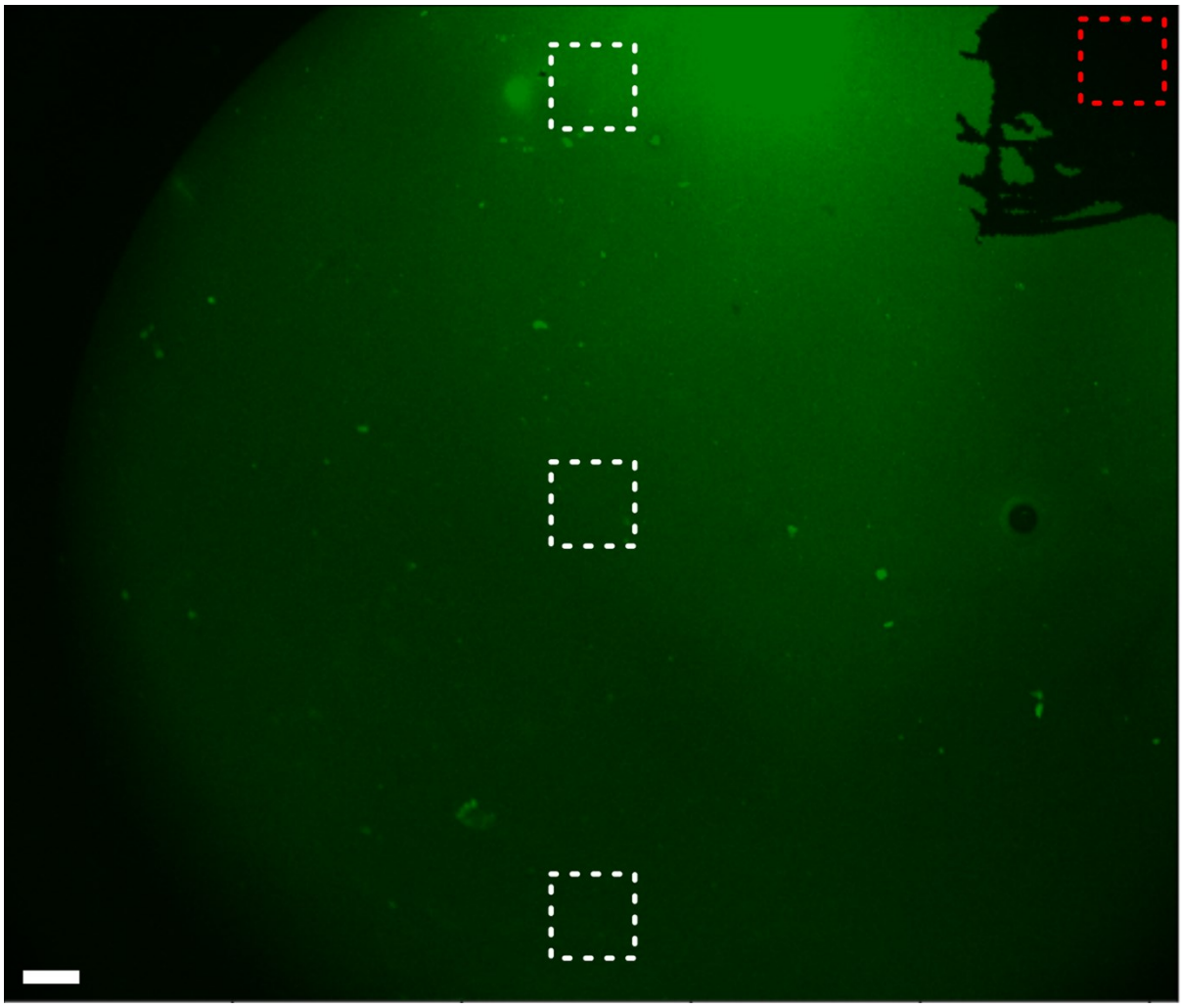

Figure D1 - Fluorescent micrograph of non-imprinted polymer film, showing regions of analysis (white) and background subtraction (red). [scale bar = 200 μm]

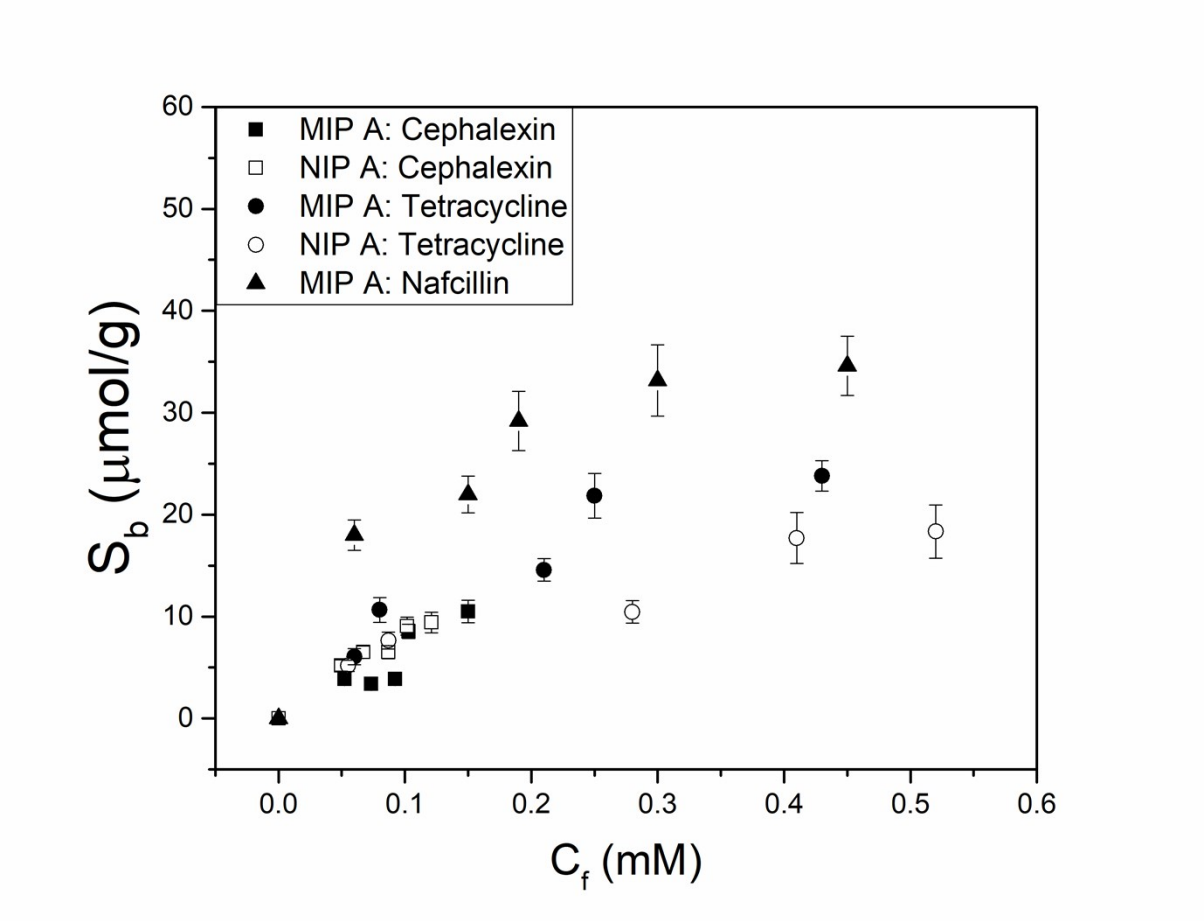

Figure E1 - Batch rebinding measurements using UV-vis spectroscopy for a nafcillin-imprinted polymer (MIP A) using solutions containing nafcillin, cephalexin and tetracycline in PBS.

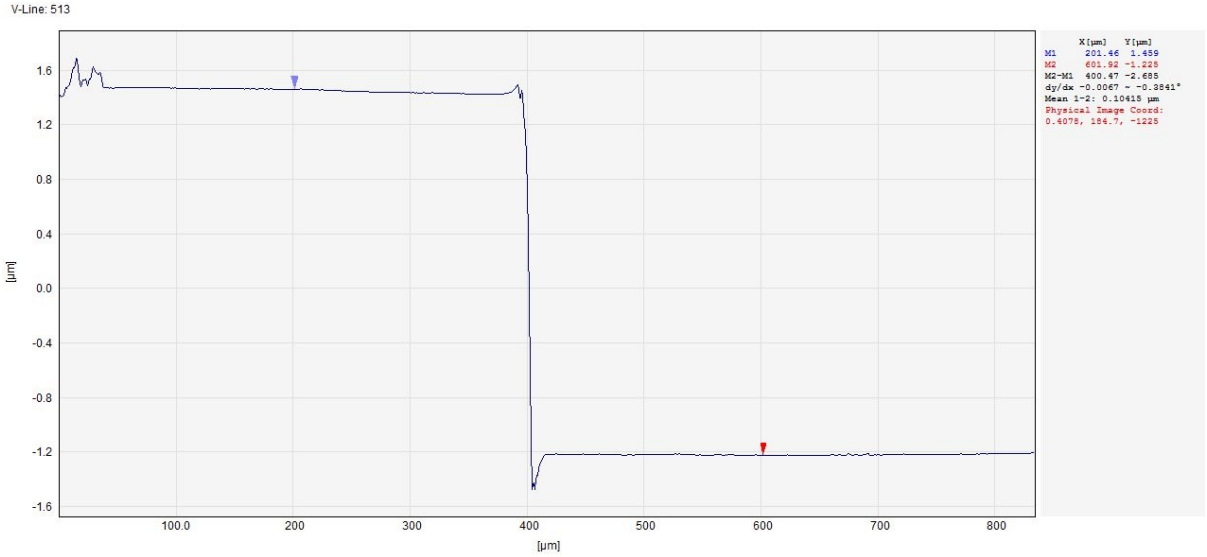

Figure F1 - Profile of the polymer film thickness on glass using white light profilometry.

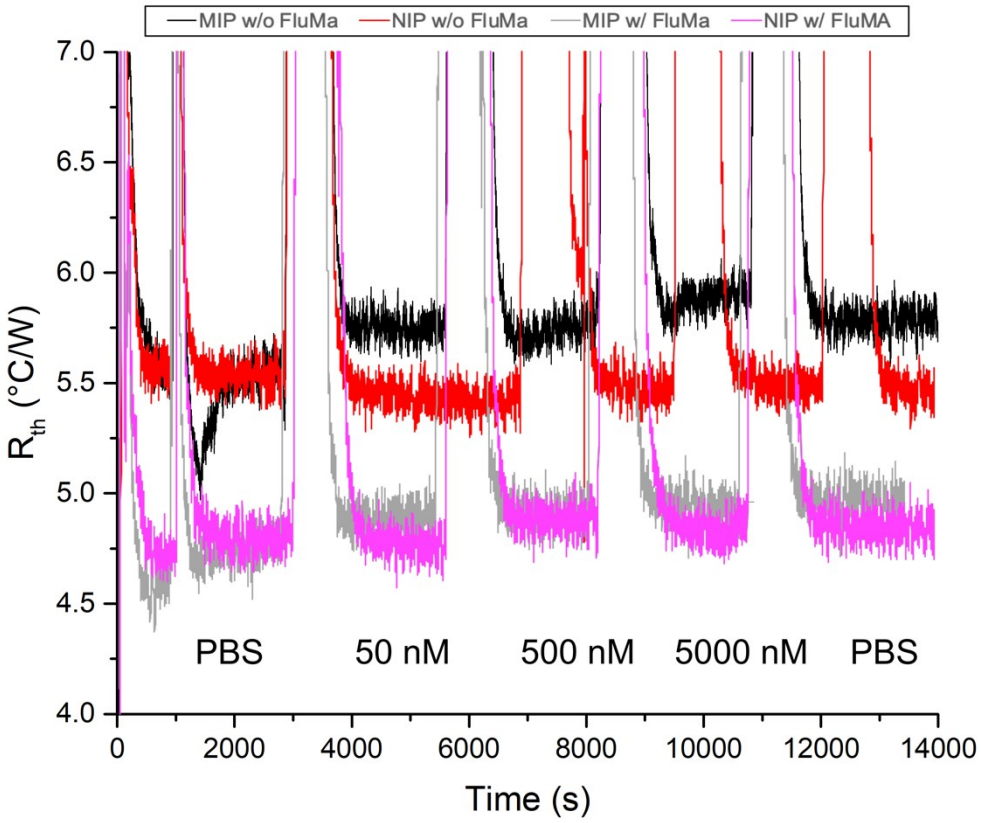

Figure G1 - Thermal resistance measurements for imprinted and non-imprinted polymer films with three layers, with injections of PBS containing increasing concentrations of nafcillin.

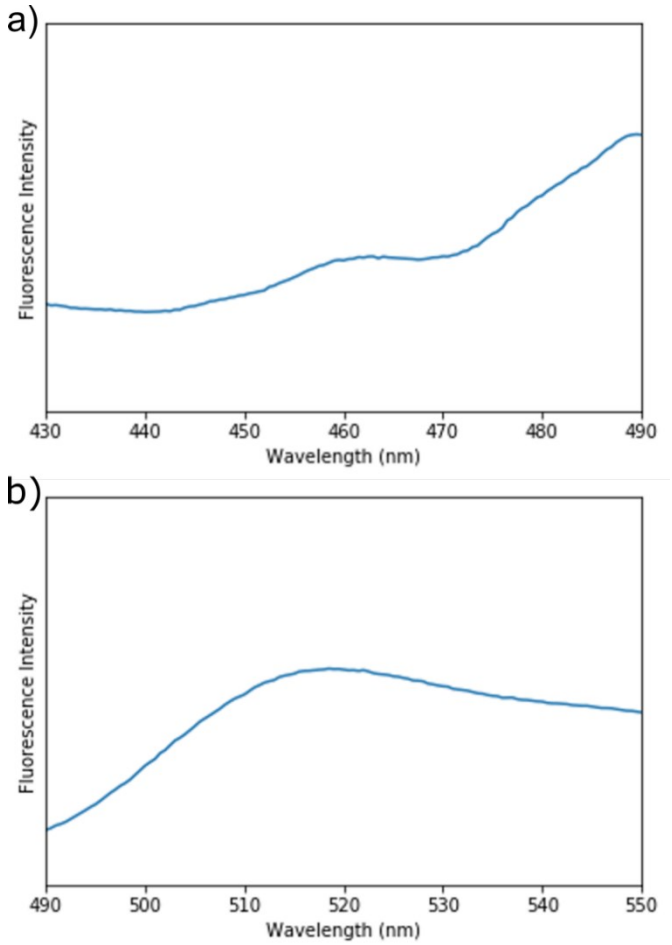

Figure H1 - Fluorescence spectra for FluMa-containing polymer film on glass in PBS, where a) is the excitation spectrum with λ_{em} = 515 nm, and b) is the excitation spectrum with λ_{ex} = 460 nm.