

Supporting information

Biocatalytic polymer thin films: Optimization of the multilayered architecture towards in situ synthesis of anti-proliferative drugs

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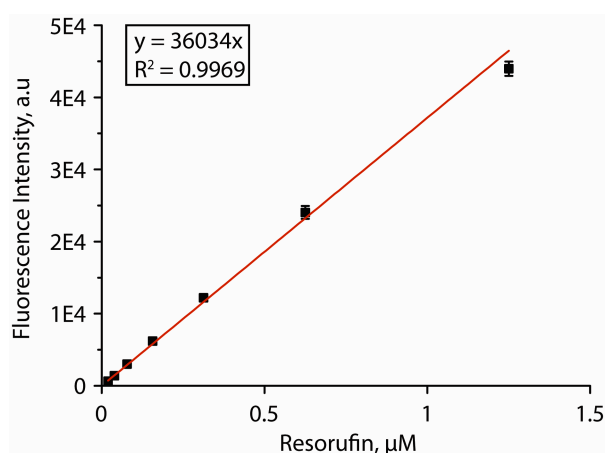


Figure S1: Intensity of fluorescence of resorufin as a function of its concentration. Presented calibration curve was used to calculate concentration of the dye in its solutions from the measured intensities of fluorescence. The fluorescence intensity of resorufin (0-1.25 μM) was measured in triplicates.

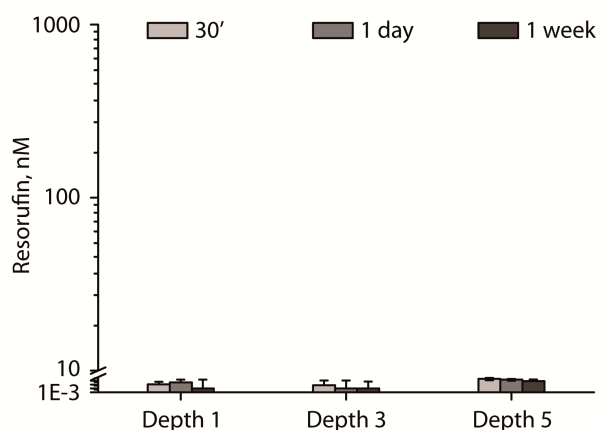


Figure S2: Enzymatic activity of PBS aspirated from above the biocatalytic multilayers, containing a constant total number of polymer deposition steps and β -Gal deposited on top of 1, 3, or 5 bilayers of PSS/PAH, over one week. For assembly conditions and method of analysis see Main Text and Figure 3. Results are presented as average of three independent experiments \pm standard deviation.