Rhodamine functionalized conducting polymer for dual intention electrochemical sensing and fluorescence imaging of cells

Fatma Ozturk Kirbay\textsuperscript{a}, Rukiye Ayranci\textsuperscript{b}, Metin Ak\textsuperscript{b}\textsuperscript{*}, Dilek Odaci Demirkol\textsuperscript{a}\textsuperscript{*}, Suna Timur\textsuperscript{a}

\textsuperscript{a}Faculty of Science Biochemistry Department Ege University, 35100 Bornova, Izmir, Turkey

\textsuperscript{b}Faculty of Art and Science, Chemistry Department Pamukkale University, 20017 Denizli, Turkey

\textbf{Figure S1.} Fluorescence microscope images of co-polymer modified surfaces after electropolymerization in different scan numbers.
Fig. S2. A) Absorption and emission spectrum of P(RF-co-RD) polymer and P(RF-co-RD)/RGD in PBS pH 7.4. B) Fluorescent microscope images of P(RF-co-RD) and P(RF-co-RD)/RGD, respectively under same exposure. Scale bar: 200 µm.
Fig. S3. SEM images of P(RF-co-RD)/RGD/U87-MG with different magnification.
Fig. S4. DPV signals after adhesion of U87-MG cells on the P(RF-co-RD)/RGD surfaces.
Fig. S5. Proliferation behaviors of U87-MG and HaCaT cell lines after 72h incubated on ITO/P(RD-co-CZ)/RGD surfaces. Actin (green) and Nucleus (blue) staining were performed. Scale bar: 20 μm.