Detection of creatinine using surface-driven ordering transitions of liquid crystals

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Figure S1. Polarized light microscopy images of the response of HBA doped LCs when 40 μ M creatinine was hydrolysed by a) 80, b) 40, c) 10, d) 8, and e) 5 μ g ml⁻¹ creatinine deiminase. Scale bar = 200 μ m.

Figure S2. Polarized microscopy images of the HBA doped LCs when 0.04 mg ml^{-1} creatinine deiminase is introduced in mixture of $0.1 \text{ }\mu\text{M}$ human hemoglobin, 5 mM glucose and 0.08 mM L-ascorbic acid at (a) 0 sec (b) 3 hours. Scale bar = $200 \text{ }\mu\text{m}$