Biodegradable Optode-Based Nanosensors for in Vivo Monitoring

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ABSTRACT

The Supplementary Information includes time series videos of the fluorescence reversibility of the sodium nanosensors.

Video S-1. Dynamic fluorescence response of biodegradable sodium nanosensors. Time-lapse series of sodium nanosensors encapsulated in a microdialysis hollow fiber as they are exposed to 0 mM and 500 mM NaCl solutions. Images were acquired using a 488 nm laser and emission was collected every 11.6 seconds using a long pass filter. The time series shown here was sped up to a speed of 7 frames per second (fps).

Video S-2. Dynamic fluorescence response of biodegradable sodium nanosensors. Time-lapse series of sodium nanosensors encapsulated in a microdialysis hollow fiber as they are exposed to 0 mM and 500 mM NaCl solutions. Images were acquired using a 639 nm laser and emission was collected every 11.6 seconds using a long pass filter. The time series shown here was sped up to a speed of 7 fps.