

Designing expanded bipyridinium as redox and optical probes for DNA

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SUPPORTING INFORMATION

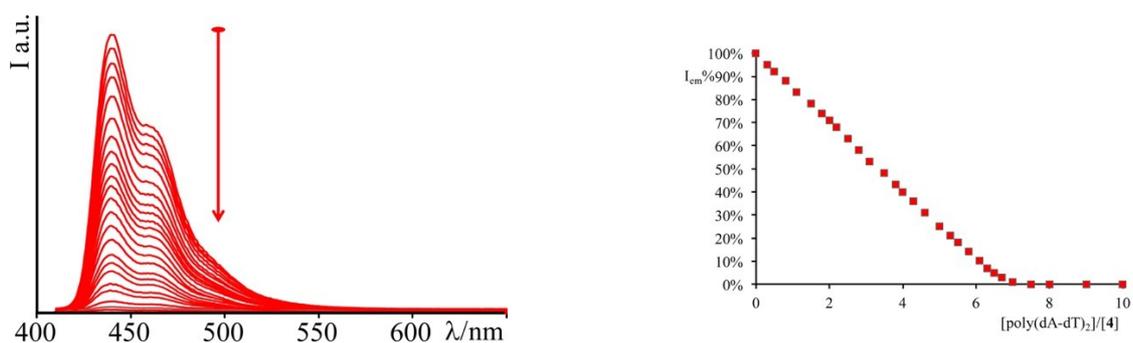


Figure S1. Emission changes of **4** (4.6×10^{-6} M) as a function of [poly(dA-dT)₂] concentration at T = 298 K and pH 7 (phosphate buffer, 1×10^{-3} M; NaCl, 2.1×10^{-2} M).

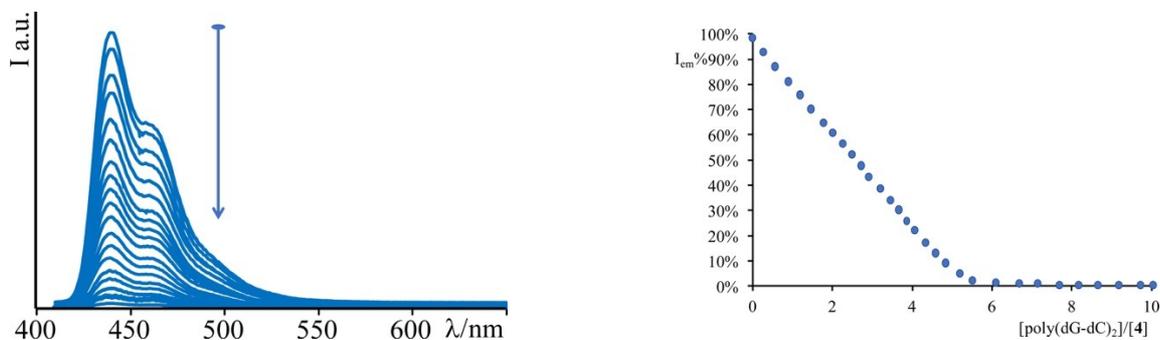


Figure S2. Emission changes of **4** (4.6×10^{-6} M) as a function of [poly(dG-dC)₂] concentration at T = 298 K and pH 7 (phosphate buffer, 1×10^{-3} M; NaCl, 2.1×10^{-2} M).

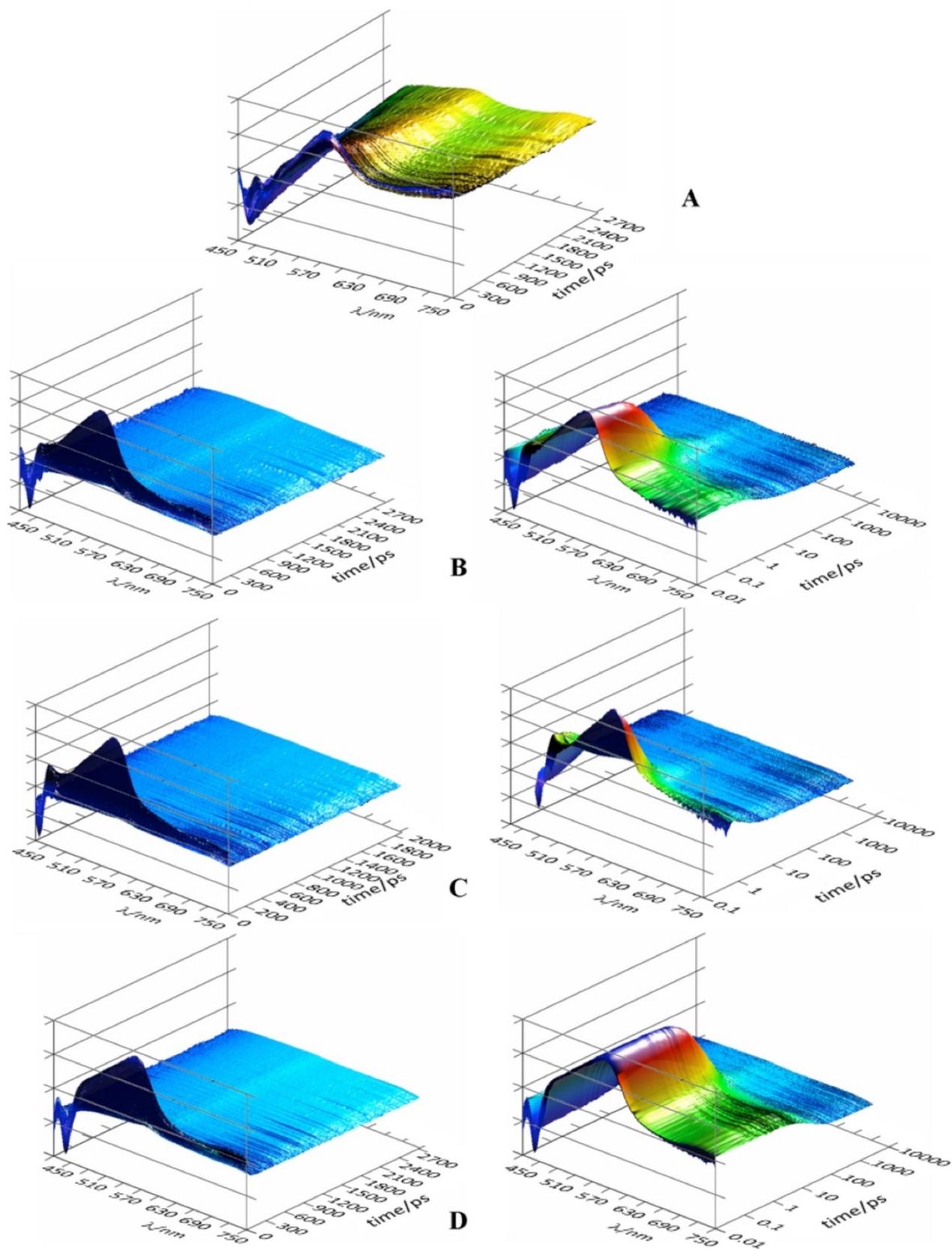


Figure S3. Complete 3D TAS matrices of **4** in phosphate buffer in linear scale vs time (A); **4** in presence of an excess of DNA in linear (B left) and logarithmic (B right) scale; **4** in presence of an excess of [poly(dG-dC)₂] in linear (C left) and logarithmic (C right) scale; **4** in presence of an excess of [poly(dA-dT)₂] in linear (D left) and logarithmic (D right) scale.