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Electronic Supplementary Information

Photo-antimicrobial polymeric films releasing nitric oxide with fluorescent reporting under visible light

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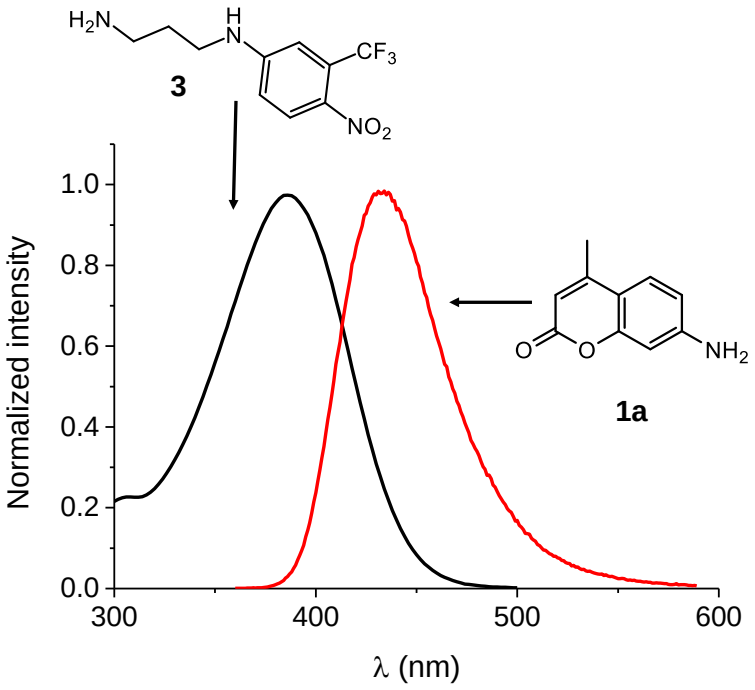

Fig. S1. Spectral overlap between the fluorescence emission of coumarin **1a** (red) and the absorption of the NO photoreleaser **3** (black). This latter was synthesized according to our already reported procedure.[1S]

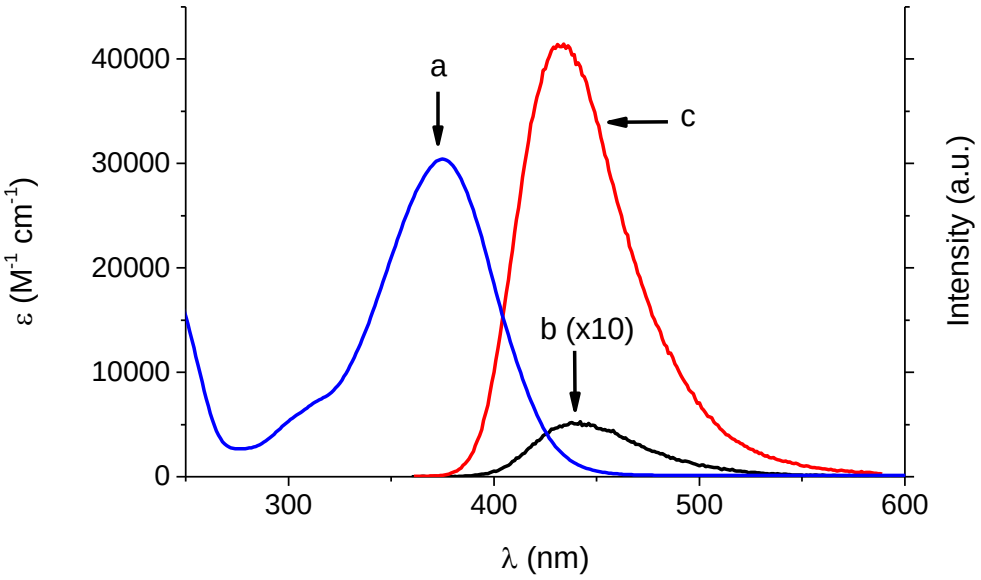

Fig. S2. Absorption spectrum of the molecular hybrid **1** in methanol (a) (left y axis) and fluorescence emission spectrum of optically matched methanol solutions of **1** (b) and the coumarin derivative **1a** (c) (λ_{exc} = 360 nm) (righ y axis). Spectrum b has been multiplied for 10, for a sake of clarity.

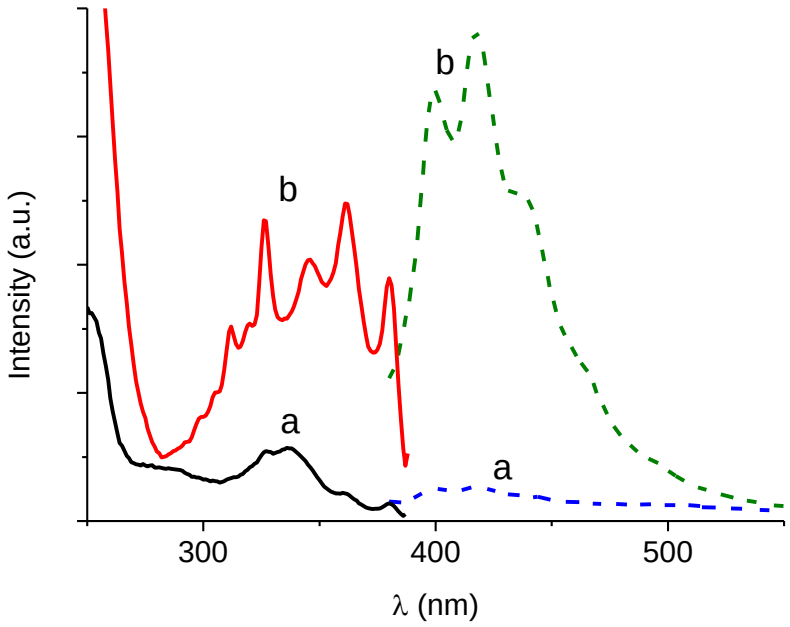

Figure S3. Representative fluorescence emission (dotted) and excitation (solid) spectra obtained after fluorimetric assay of non-irradiated (a) and irradiated (b) polymeric film of PLGA doped with **1** in phosphate buffer solutions 10 mM at pH 7.4. Emission spectrum at λ_{exc} = 360 nm; excitation spectrum at λ_{em} = 410 nm

Supplementary bibliography

1S. F. L. Callari and S. Sortino, *Chem. Commun.*, **2008**, 1971.