Materials List for:

**Fluorescence Lifetime Imaging of Molecular Rotors in Living Cells**

Klaus Suhling¹, James A. Levitt¹, Pei-Hua Chung¹, Marina. K. Kuimova², Gokhan Yahioglu³

¹Department of Physics, King’s College London
²Department of Chemistry, Imperial College London
³PhotoBiotics Ltd

Correspondence to: Klaus Suhling at klaus.suhling@kcl.ac.uk

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**Materials**

**Sample with fluorescent molecular rotors**

**Hardware:**

- inverted Leica TCS SP2 confocal scanning microscope
- Coherent Mira 900 Ti:Sapphire femtosecond laser with a Verdi V6 pump laser or Hamamatsu PLP-10 470 picosecond pulsed diode laser excitation sources
- Becker & Hickl SPC 830 board in 3GHz, pentium IV, 1GB RAM computer with Windows XP
- cooled Becker & Hickl PMC100-01 detector head based on Hamamatsu H5773P-01 photomultipliers, mounted on microscope’s X1 port, or hybrid detectors
- DCC 100 detector control module

**Software:**

- TRI-2¹⁴ or SPCImage 2.8 by Becker & Hickl