

**Materials List for:**

# Fluorescence Lifetime Imaging of Molecular Rotors in Living Cells

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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-2<sup>14</sup> or SPCImage 2.8 by Becker & Hickl