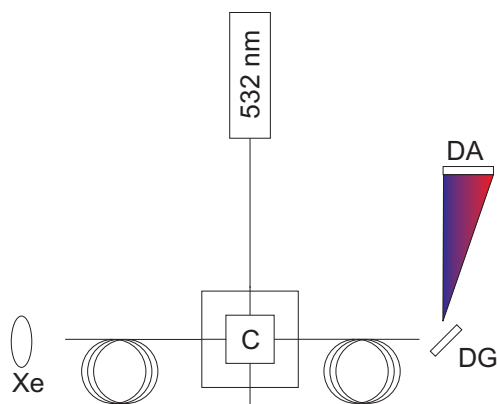


## Supporting Information.

### Energy transfer from a rhodamine antenna to a ruthenium-bipyridine center.

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Scheme 1. Optical bench used for fluorescence and quantum yield measurements.  
Xe=Xenon lamp; C=cuvette; Laser light source (532 nm); DG=Diffraction grating;  
DA=Diode array.

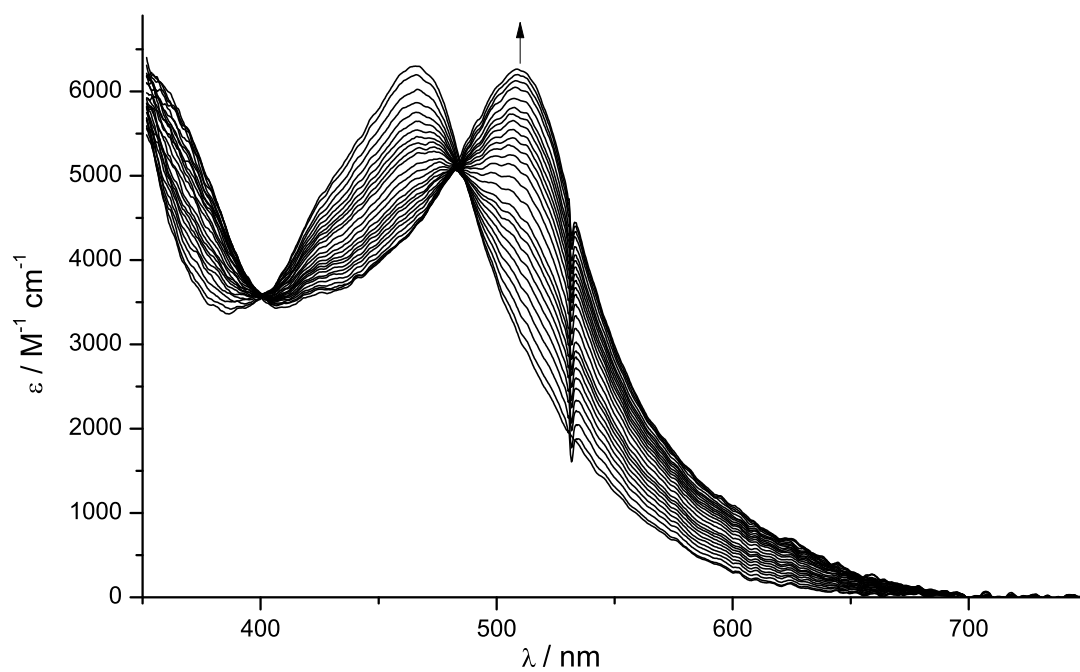


Figure 1. Sequence of UV-Vis absorption spectra during photolysis of RuBiMAPN with a 532 nm DPSS Nd:YAG laser. Arrow indicates reaction progress.

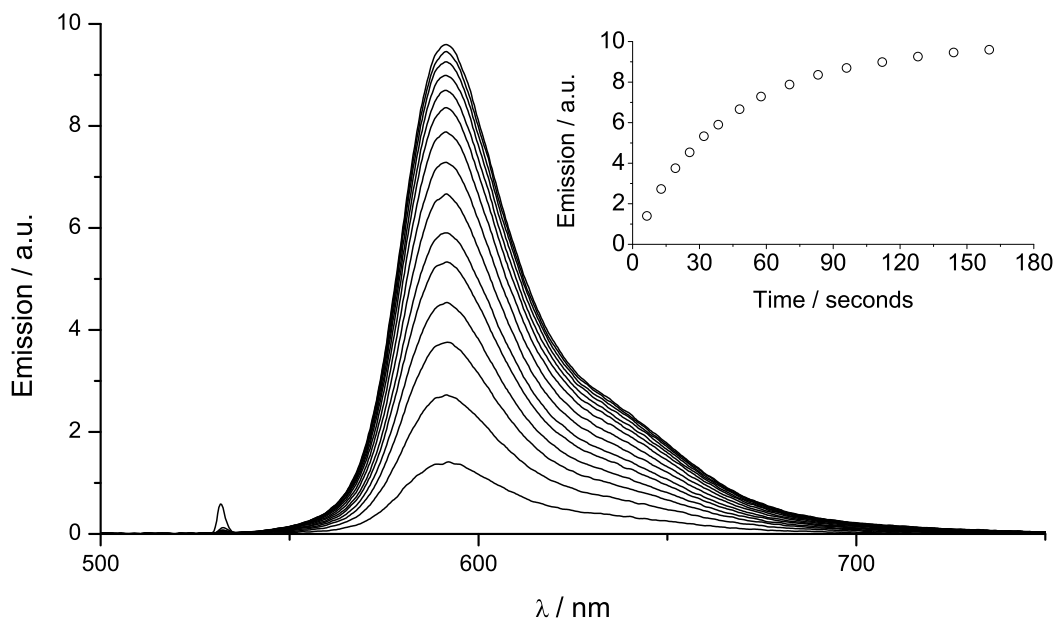


Figure 2. Sequence of UV-Vis emission spectra during photolysis of RuBiMAPNRhod. Fluorescence emission from photoreleased MAPNRhod increases with irradiation time. Light source is a 532 nm DPSS Nd:YAG laser. Inset shows intensity at emission maximum.