

SUPPLEMENTARY of PAPER

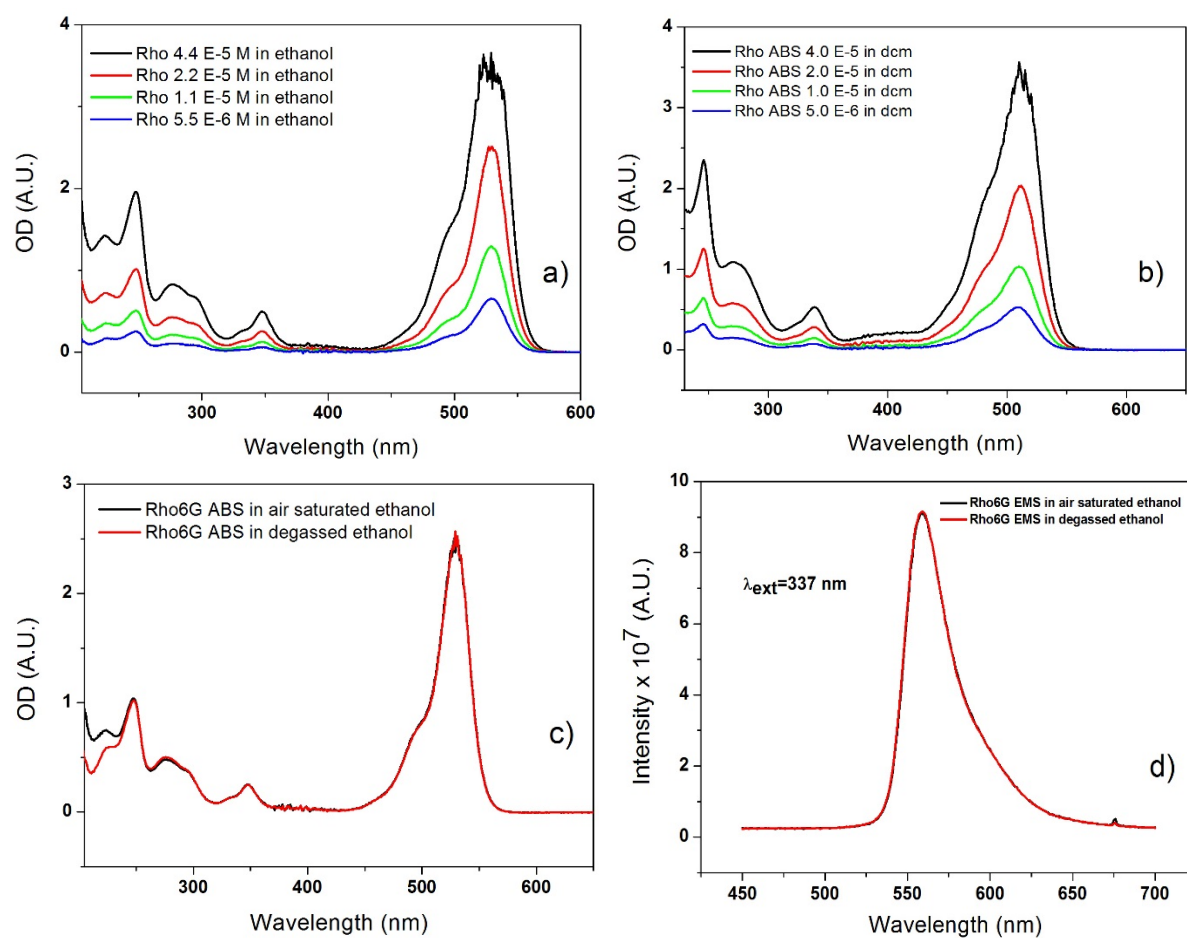
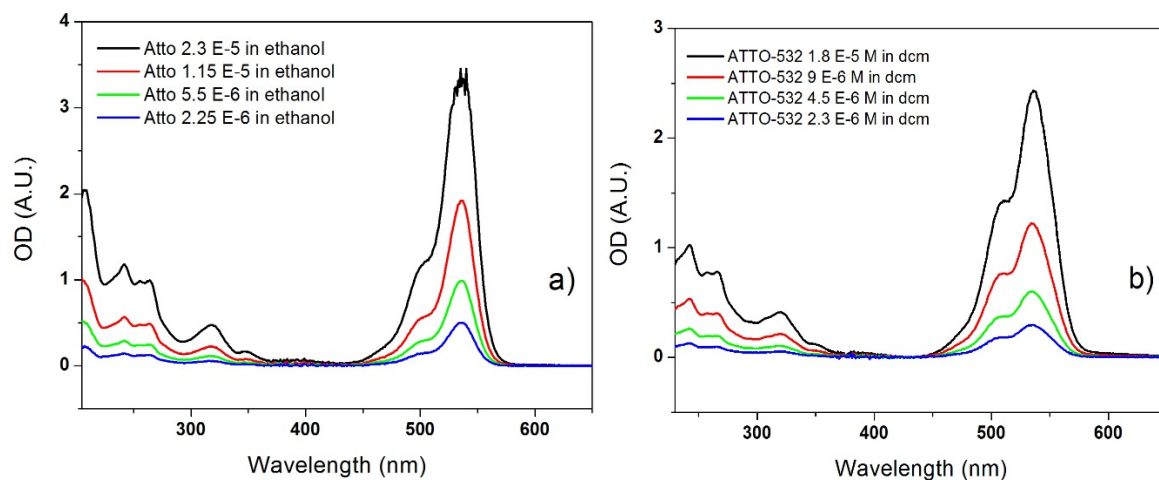


Figure 1 Rhodamine 6G a) the concentration dependence of absorption in air saturated Ethanol solution b) the concentration dependence of absorption in air saturated DCM solution c) absorption in air saturated and degassed environment d) Photoluminescence spectra, excitation with the same wavelengths (Ex. 337 nm) in air saturated and degassed environment



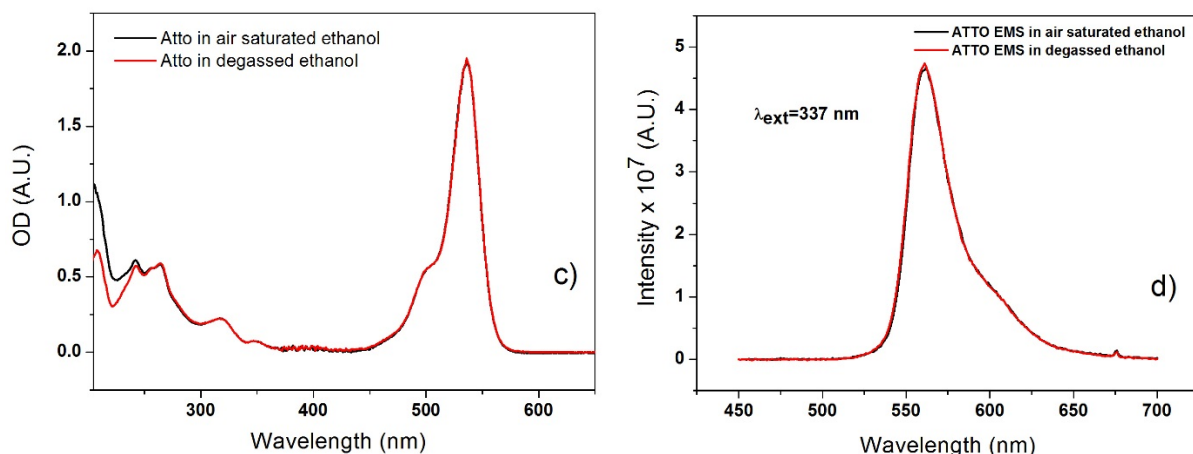


Figure 2 ATTO-532 a) the concentration dependence of absorption in air saturated Ethanol solution b) the concentration dependence of absorption in air saturated DCM solution c) absorption in air saturated and degassed environment d) Photoluminescence spectra, excitation with the same wavelengths (Ex. 337 nm) in air saturated and degassed environment

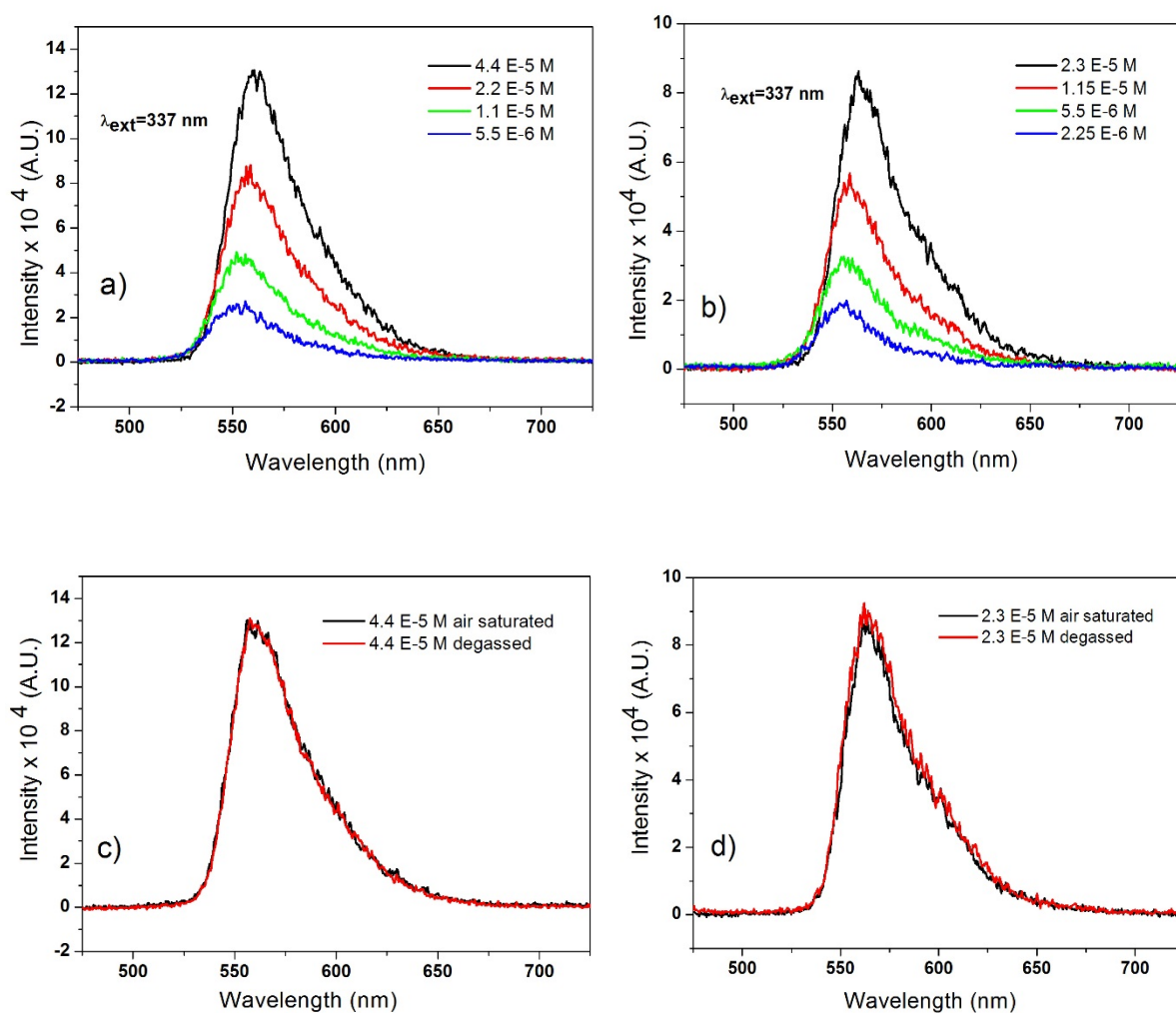


Figure 3 At each measurements the delay time was chosen as 130 ns and the integration time was 1 μ s a) The delay fluorescence of Rhodamine 6G in variety of concentrations in saturated ethanol solution b) The delay fluorescence of ATTO-532 in variety of concentrations in air saturated ethanol solution c) The DF of Rhodamine 6G in air saturated and degassed environment d) The DF of ATTO-532 in air saturated and degassed environment

