Fluorescence Properties of The Dicationic Porphyrin 5,15-DiMPyP Orderly Aggregated Along DNA Surface

Supplementary Information

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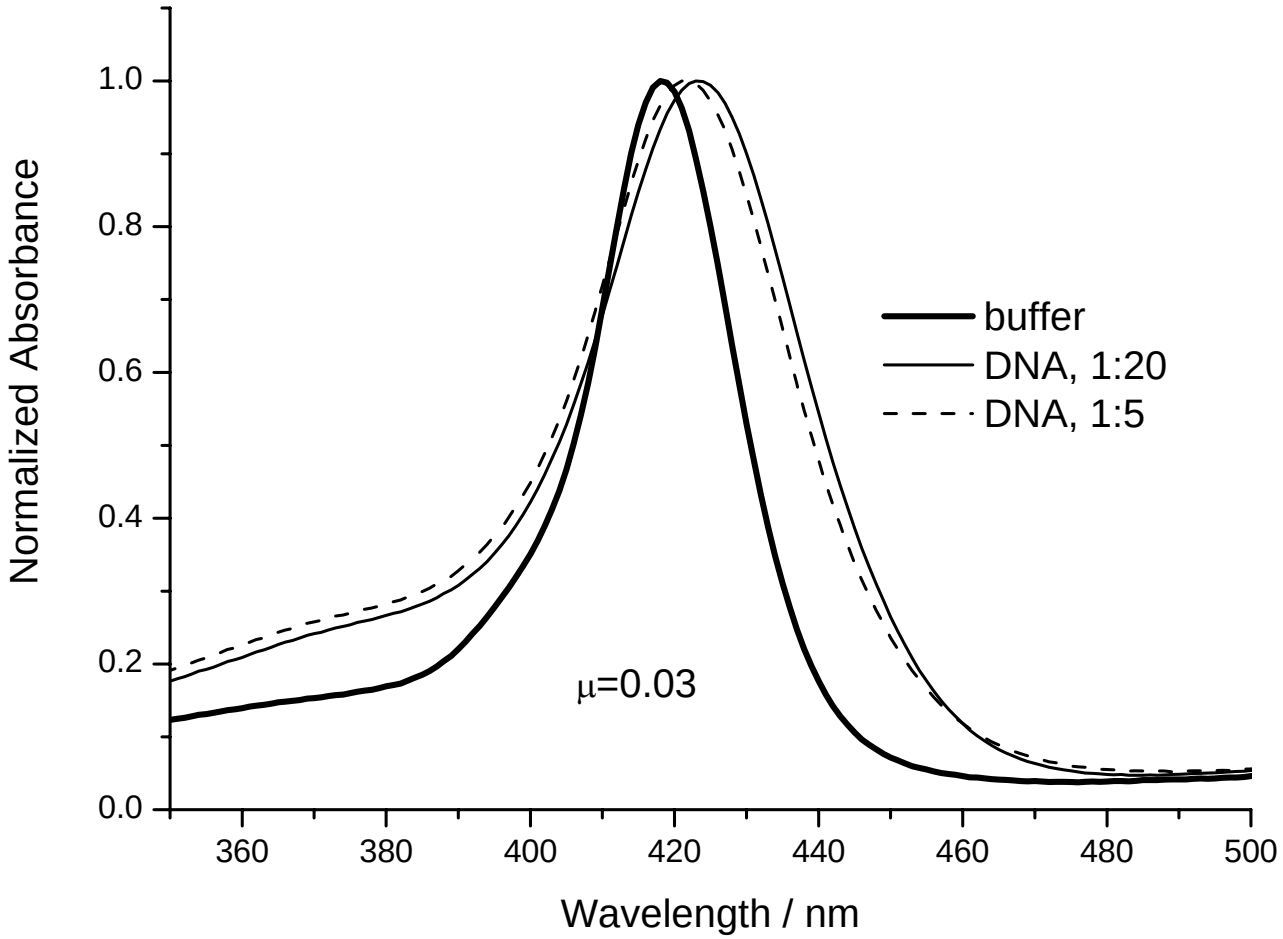

Figure 1 SI.

The Soret band absorption spectra of monomeric 5,15-DiMPyP, obtained at μ=0.03, free in buffer solution (thick solid line) and complexed with DNA at r = 1:20 (thin solid line) and at r = 1:5 (dashed line).

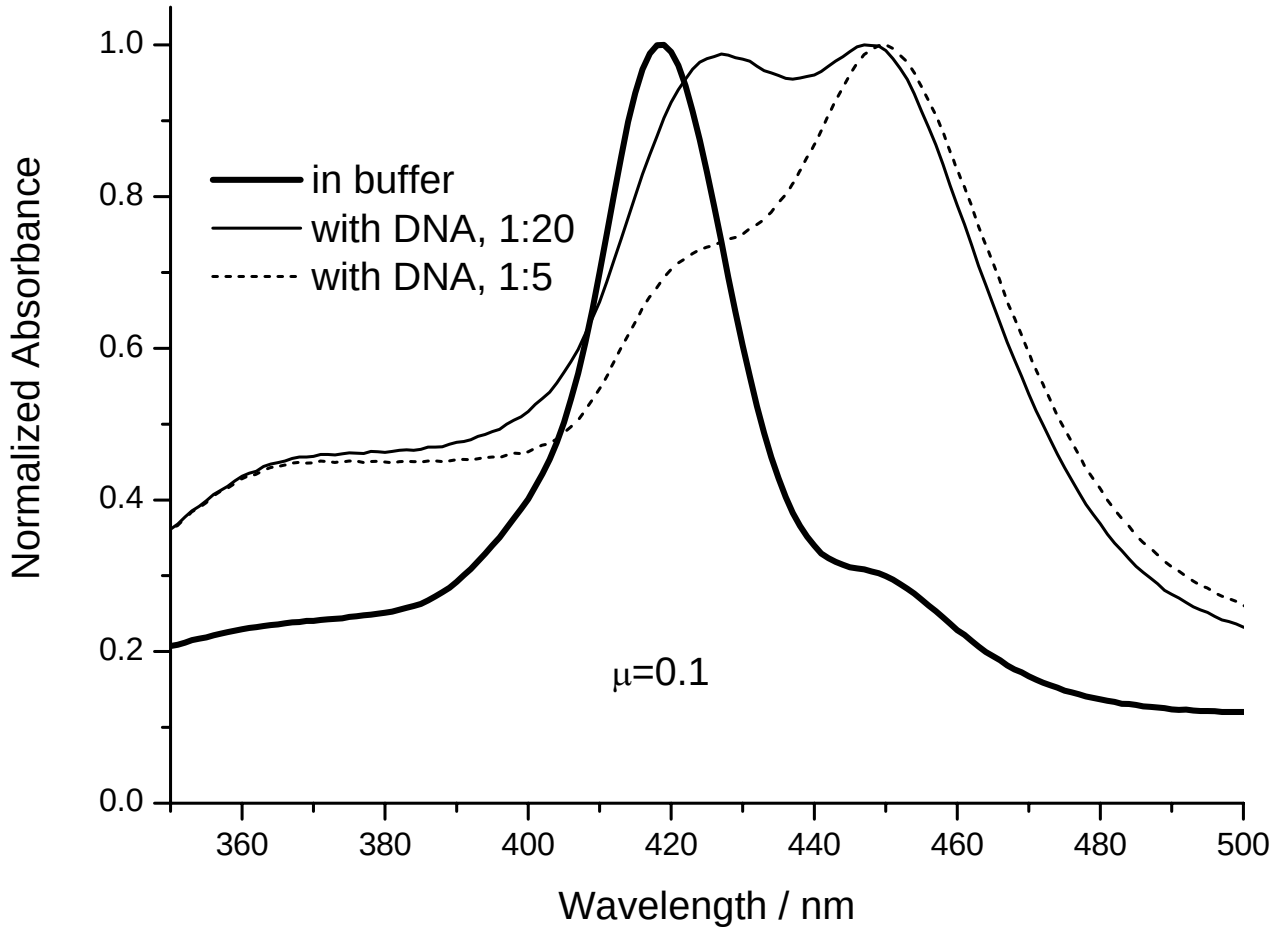

Figure 2 SI.

The Soret band absorption spectra of 5,15-DiMPyP, obtained at μ=0.1, free in buffer solution (thick solid line) and in presence of DNA at r = 1:20 (thin solid line) and at r = 1:5 (dashed line).

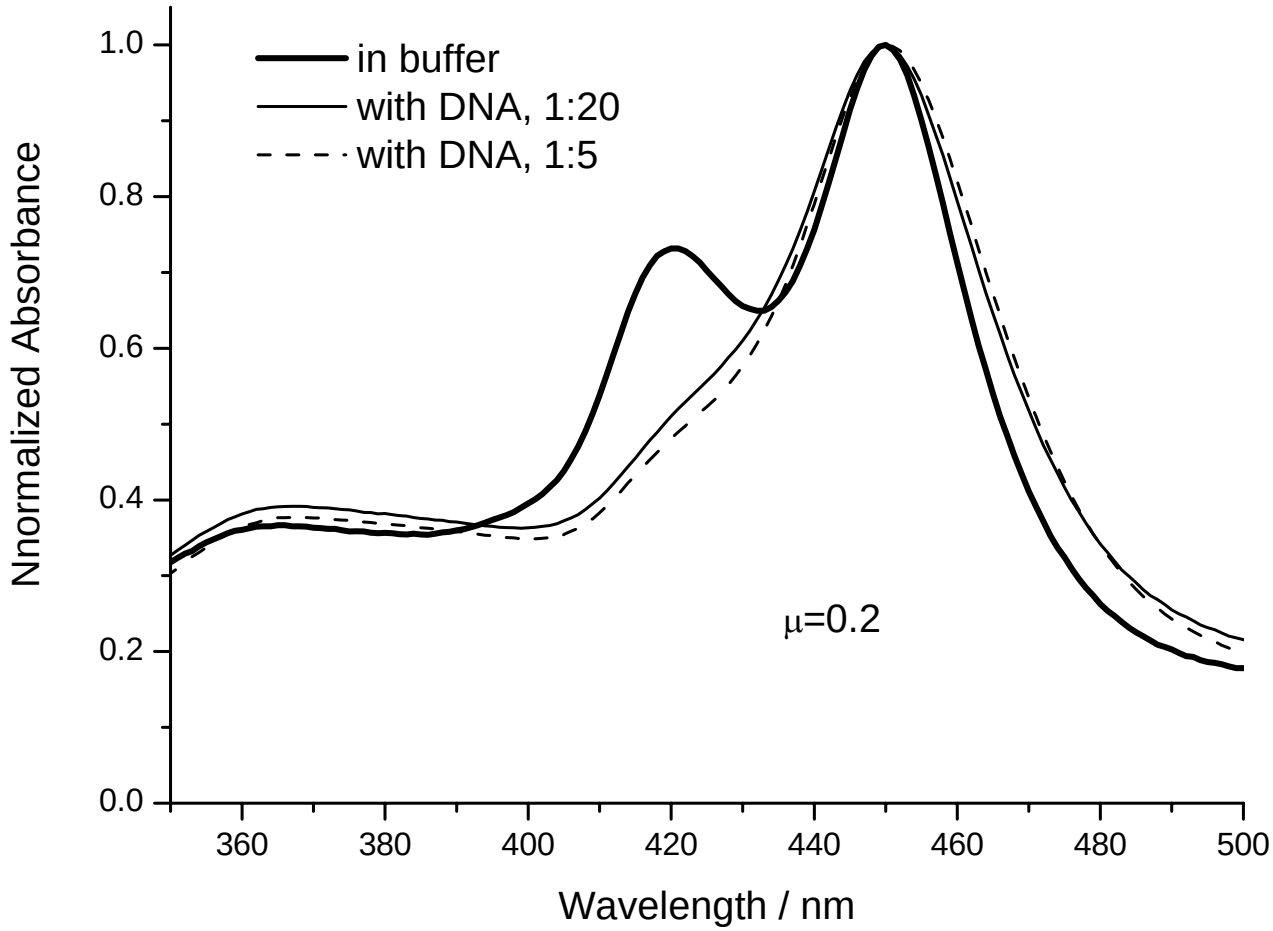

Figure 3 SI.

The Soret band absorption spectra of 5,15-DiMPyP, obtained at μ=0.2, free in buffer solution (thick solid line) and in presence of DNA at r = 1:20 (thin solid line) and at r = 1:5 (dashed line).

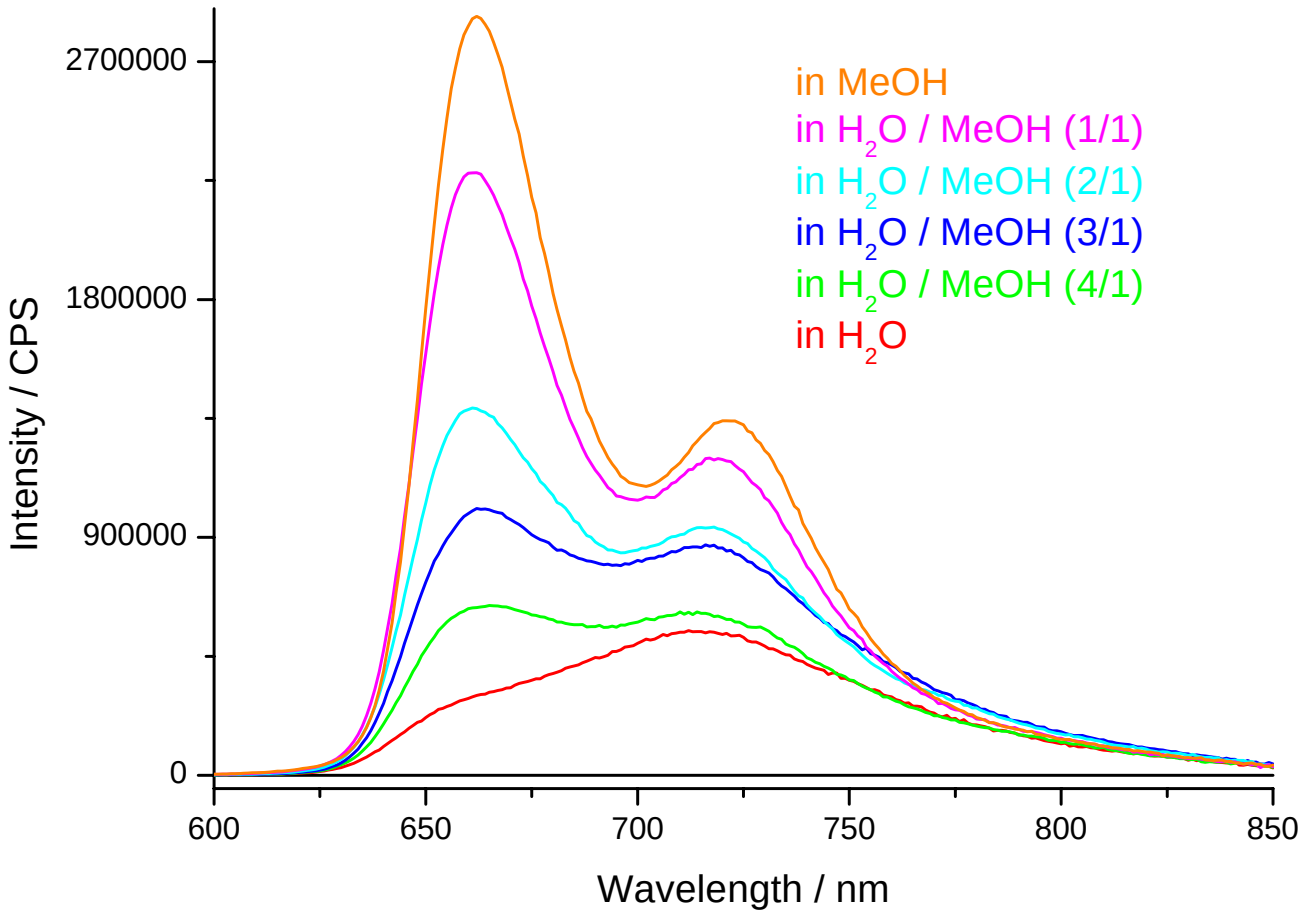

Figure 4 SI.

Steady-state fluorescence spectra of 5,15-DiMPyP in H_2O, MeOH & H_2O/MeOH mixtures (v/v). The data obtained under 420 nm excitation for optically matched samples, with optical density 0.1 at excitation wavelength in 1 cm pathlength.