

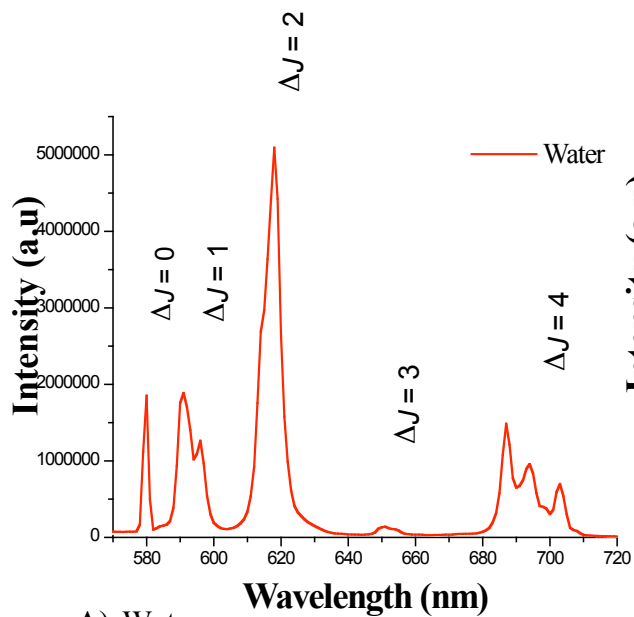
ESI

Synthesis and comparative anion binding profiles of two diaqua Eu(III) complexes

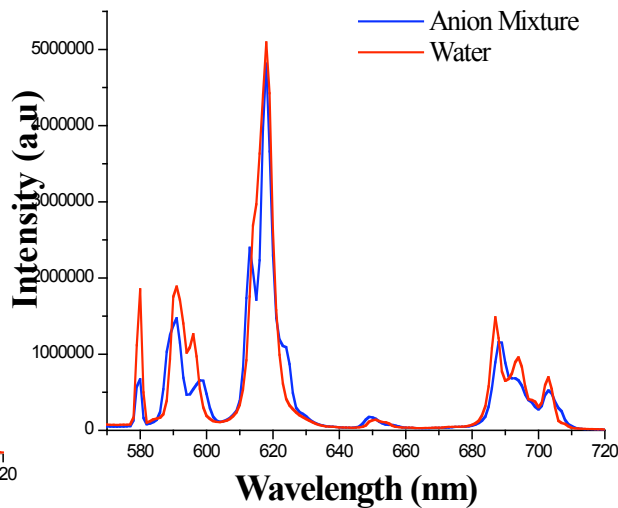
Daniela Imperio,^{a,b} Giovanni B. Giovenzana,^{*b} Ga-lai Law^a, David Parker,^{*a} James W. Walton^a

Figure 1 Emission spectrum of $[\text{EuL}^1]^+$ in A) water pH 6, B) anion mixture pH 7.4 and titrations with: C) Phosphate pH 7.4, D) Lactate pH 5.5, E) Citrate pH 7.4, F) Bicarbonate pH 7.4. All spectra were recorded at 295K with $\lambda_{\text{exc}}=328$ nm; each solution contained 0.1 M NaCl and 20 μM of complex.

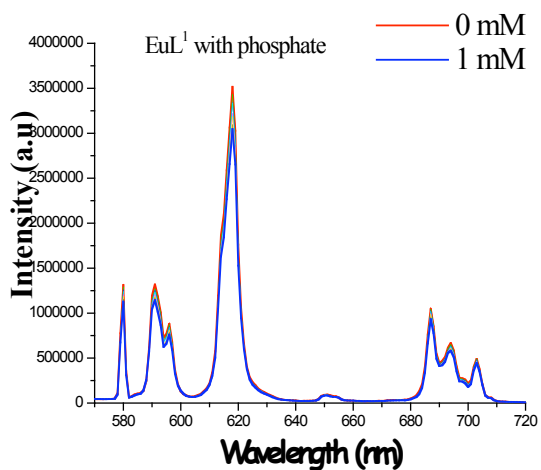
Figure 2 Emission spectrum of $[\text{EuL}^2]^+$ in A) water pH 6; titrations with: B) Lactate pH 5.5 C) Phosphate pH 7.4 D) Bicarbonate pH 7.4 E) Citrate pH 7.4. All the spectra were recorded at 295K with $\lambda_{\text{exc}}=288$ nm. Each solution contained 0.1 M NaCl and 20 μM of complex



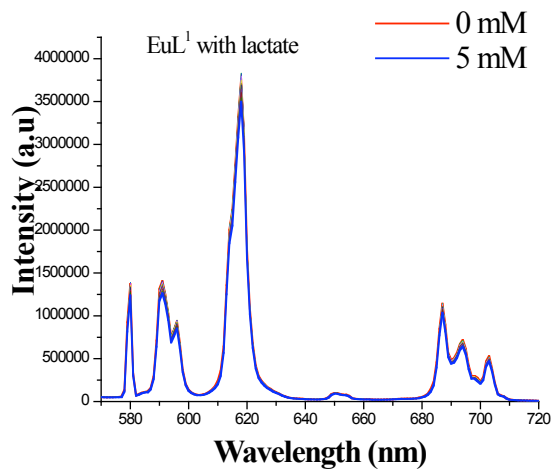
A) Water



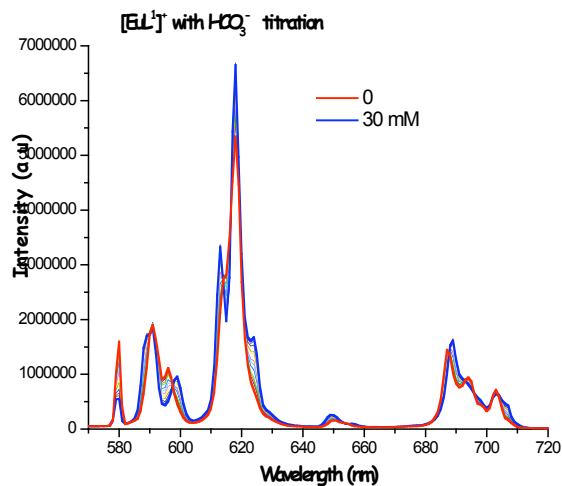
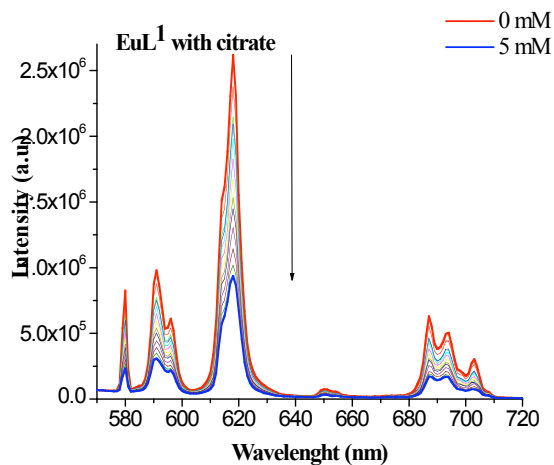
B) Anion mixture and water



C) Phosphate



D) Lactate

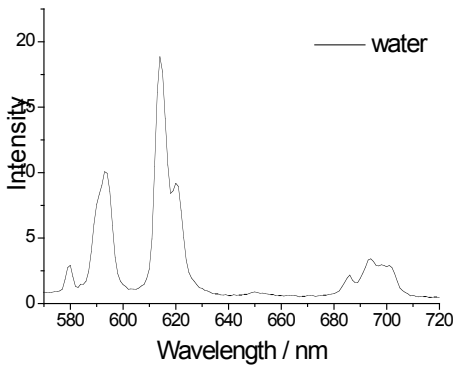


E) Citrate

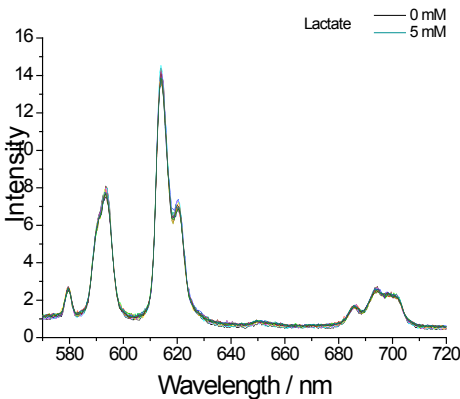
F) Bicarbonate

Figure 1

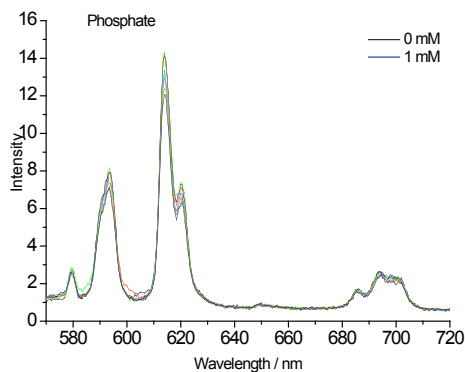
A)



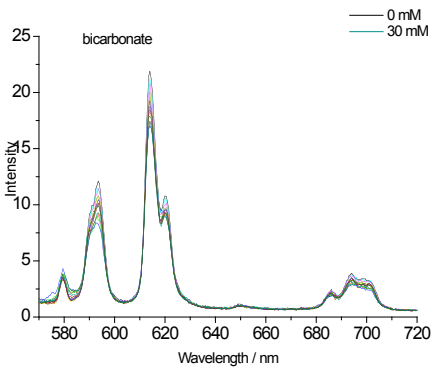
B)



C)



D)



E

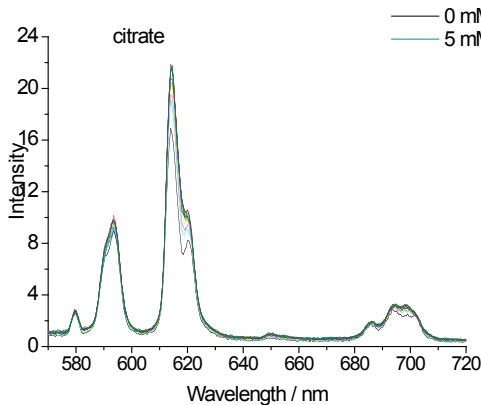


Figure 2