SUPPLEMENTARY MATERIAL

# A Supramolecular Approach to Antimicrobial Surfaces

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**Figure S1:** distribution diagram obtained for solutions containing Cu(II) and BPXD in 2:1 molar ratio

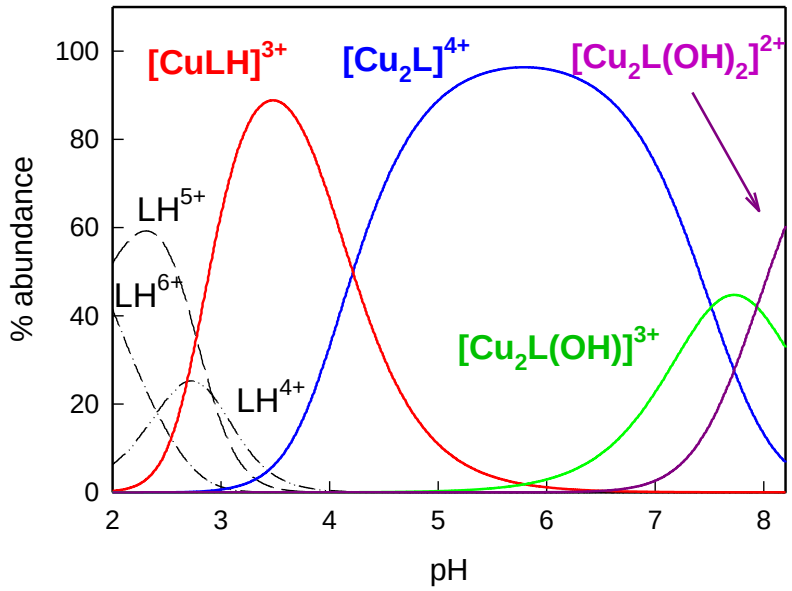

**Figure S2:** (up) Uv-vis spectra of: a $1.0x10^{-4}$ M solution of imidazole (black line) in EtOH, same solution after addition of an equimolar amount of $[Cu_2(BPXD)]^{4+}$ (red line), a $1.0x10^{-4}$ EtOH solution of $[Cu_2(BPXD)]^{4+}$ (blue line); (bottom) same spectra with emphasis on change of d-d band as a consequence of complezation of imidazolate as briding ligand between the two $Cu^{2+}$ ions of $[Cu_2(BPXD)]^{4+}$