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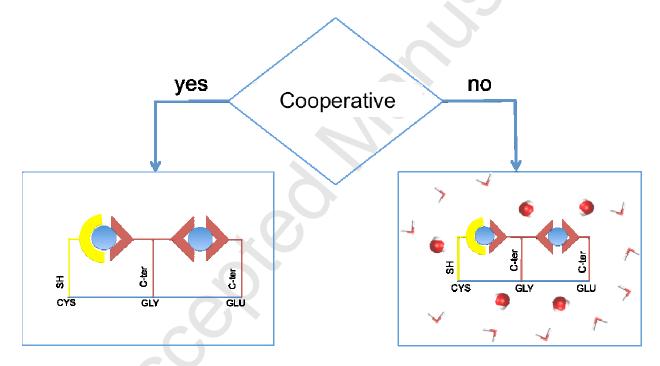
## ACCEPTED MANUSCRIPT

#### **GRAPHICAL ABSTRACT**

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Cooperativity in Bimetallic Glutathione Complexes

Glutathione can accommodate more than one metal ion due to its flexibility and many binding sites, which may give rise to cooperativity. Strong cooperativity was observed in the gas-phase optimized structures, however this switches into anti-cooperativity when solvent effects are included.



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