

**Characterization of the binding of Strychnine with bovine  $\beta$ -lactoglobulin and human lysozyme using spectroscopic, kinetic and molecular docking analysis**

Suparna Rudra, Abhisek Jana, Nayim Sepay, Biman Kumar Patel and Ambikesh Mahapatra\*

Department of Chemistry, Jadavpur University, Kolkata 700032, India

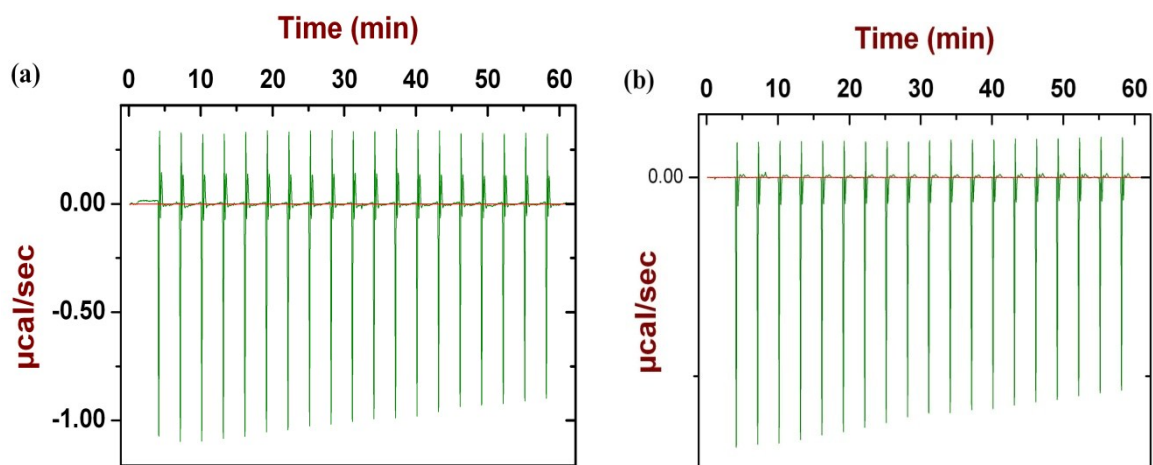


Fig. S1: the raw data for the integrated heat after correction for heat of dilution,  $\beta$ LG (a) and LYS (b)

Table S1: Summary of the ITC results for interaction of STN with  $\beta$ LG and LYS at 298 K

System	$-\Delta H$ (kJ mol <sup>-1</sup> )	$-\Delta S$ (J mol <sup>-1</sup> K <sup>-1</sup> )	n	K $\times 10^{-3}$
$\beta$ LG-STN	25.45	202.57	1.3	9.26
LYS-STN	127.16	359.66	1.4	3.18