- 1 Video 1. A molecular dynamics simulation shows electrostatic interactions between suramin molecules (stick
- 2 representation) and the histone octamer (cartoon representation), with hidden water molecules and counter ions for
- 3 clarity. Six suramin molecules were first arbitrarily placed in the simulation box at the proximity of histone. At the
- 4 end of the 700-ns simulation, five of six suramin molecules formed stable contacts with the protein, mainly via salt
- 5 bridges and hydrogen bonding.