Supporting Information

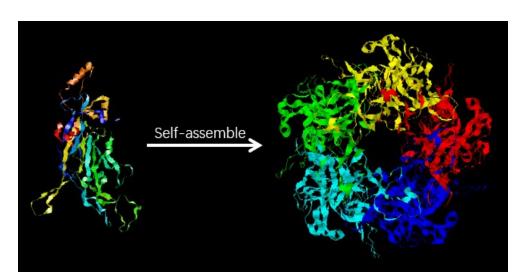


Fig. S1 Simulation of HPV L1 pentamer formed by HPV L1 monomer

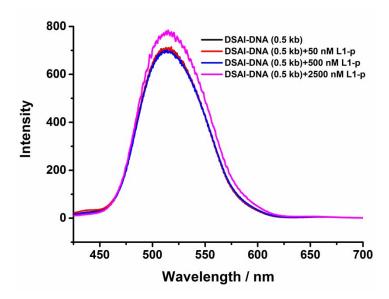
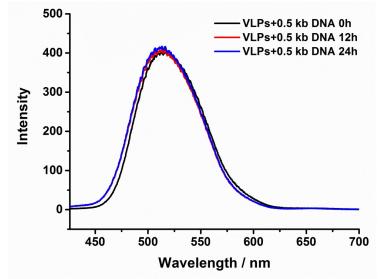


Fig. S2 The fluorescence spectra of DSAI (10 μ M) in assembly buffer solution upon adding different amount of as-prepared VLPs, equals to 50, 500, 2500 nM L1-p, respectively.

Fig. S3 The fluorescence spectra of DSAI-DNA (10 μM) assemble with L1 in assembly



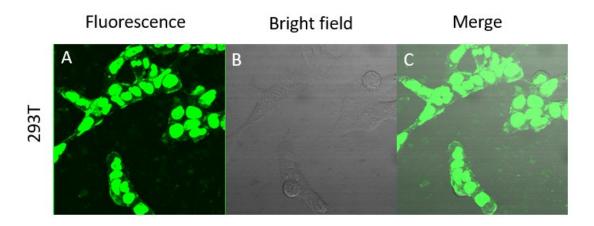


Fig. S4 Fluorescence images of Hela cells after incubation with DSAI-DNA+VLPs.

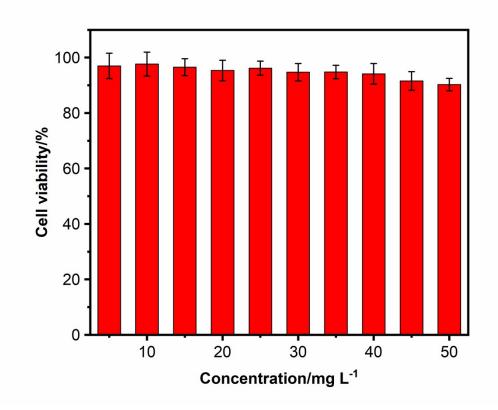


Fig. S5 The viabilities of HeLa cells at changing DSAI-DNA VLPs concentrations