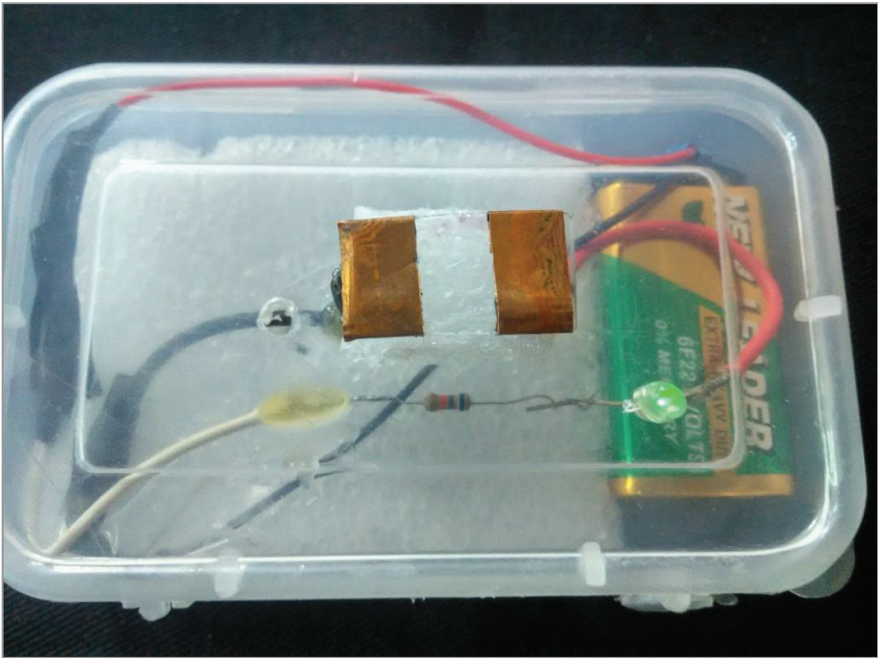
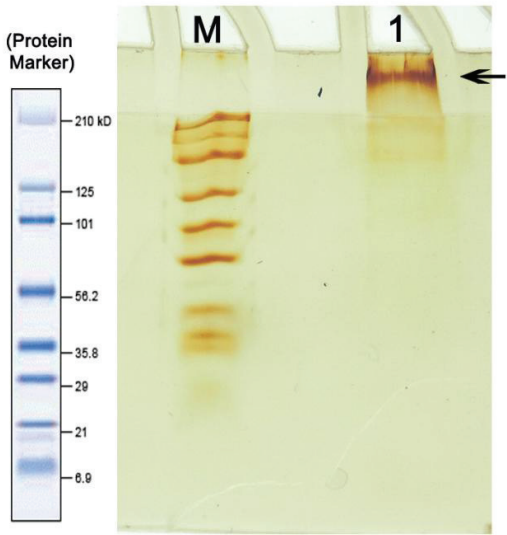


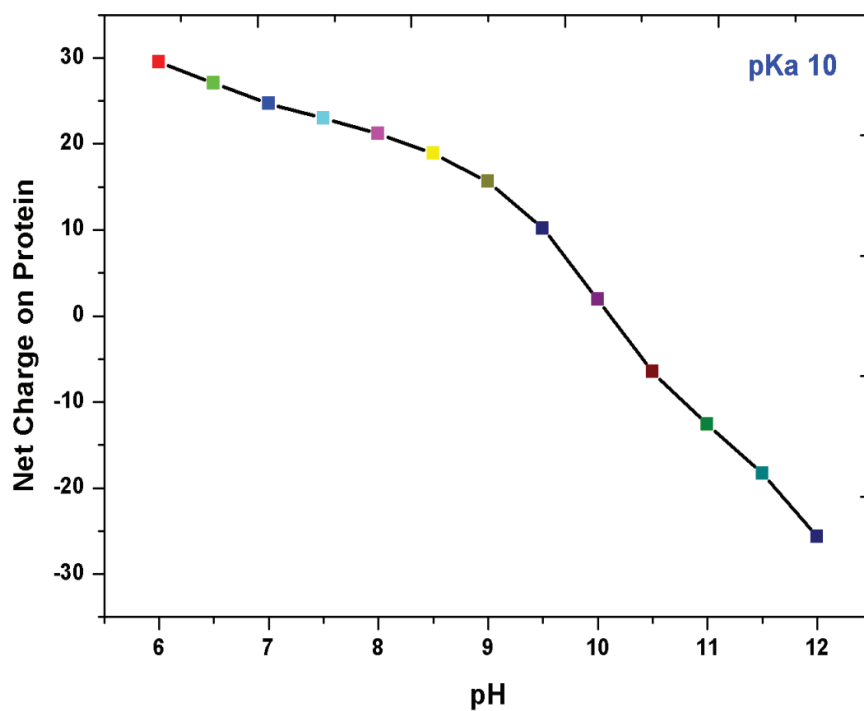
Supporting Information



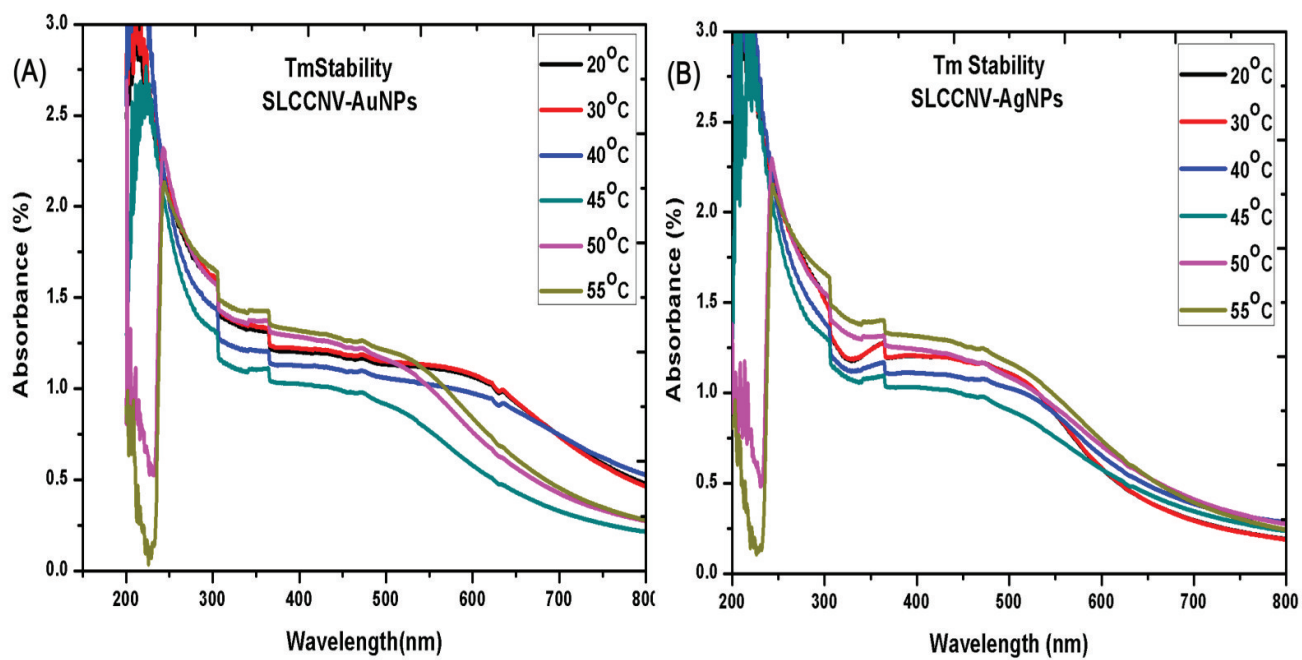
Supplementary Figure 1: "Lab on a chip" to detect electrical conductivity of virus hybrid nanomaterials.



Supplementary Figure 2: Silver-stained SDS-PAGE gel; M-Marker, Lane 1- Ultracentrifugation purified of SLCCNV particles in a single intensified high molecular protein band.



Supplementary Figure 3: Shows the theoretically calculated (Henderson-Hassel Bach equation) net charge values of SLCCNV-biotemplate dialyzed against different buffer pH (6-12).



Supplementary Figure 4: Thermostability analysis of both Au (A) and Ag (B) virus hybrid nanomaterial by UV/Vis absorbance spectra.