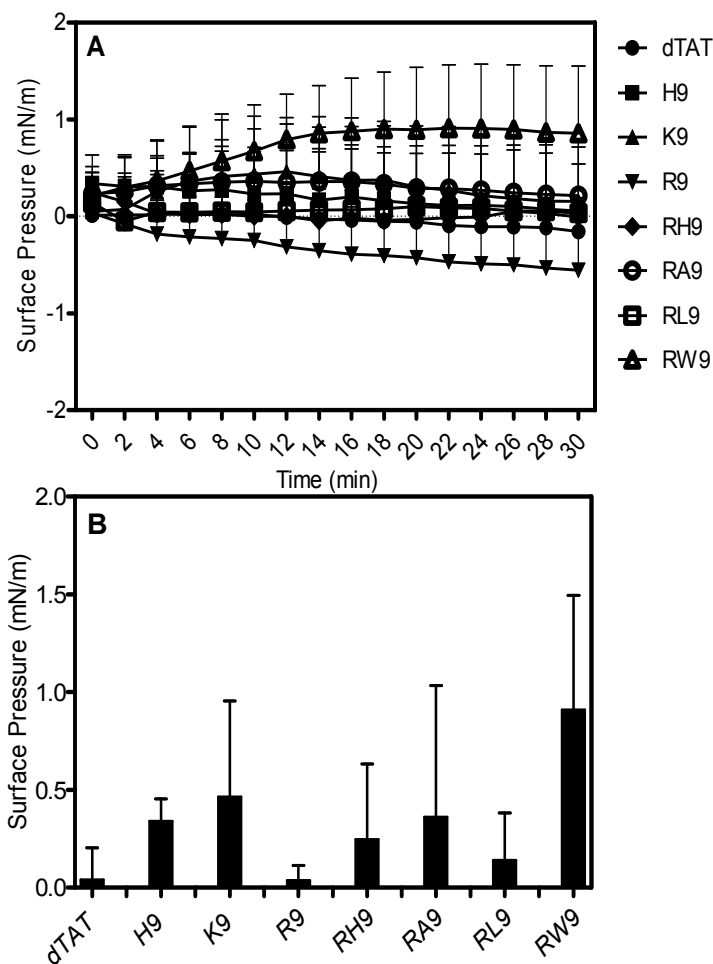


Dynamic Measurements of Membrane Insertion Potential of Synthetic Cell Penetrating Peptides

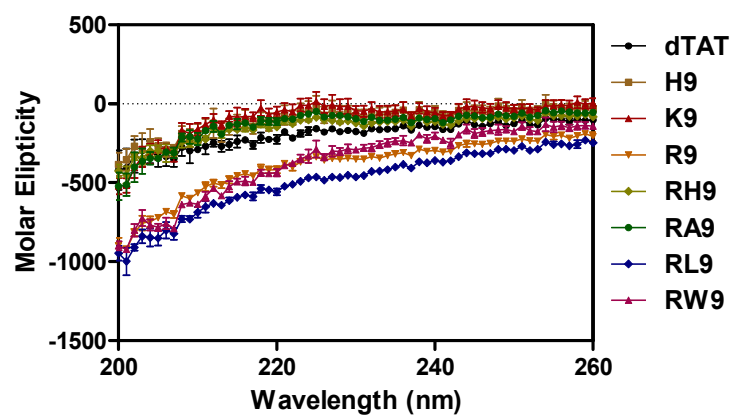
Supporting Information for Publication

(Supplementary Figures)



Supplementary Figure 1

(A) Changes in the surface pressure vs. time following adsorption of the eight CPPs into a phospholipid-free interface. The peptides are at a final concentration of 10 μ M (B) Maximum change in the surface pressure (plateau values) recorded for the eight CPPs. The results are presented as mean \pm SD (n = 3).



Supplementary Figure 2

CD analysis of the eight CPPs. The peptide concentration used was 10 μM using a 0.1 cm path length quartz cuvette was used with a total volume of 200 μL (in PBS). Full CD spectra were collected at 22 $^{\circ}\text{C}$ for wavelengths ranging from 260 to 200 nm. CD spectra analysis of the eight CPPs showed that the eight CPPs in the PBS solution contain random-coil conformations. The results are presented as mean \pm SD ($n = 3$). CD spectra were recorded using a Chirascan (Applied Photophysics) instrument.