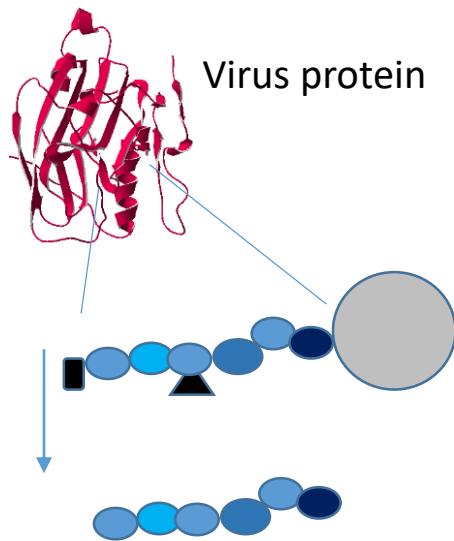


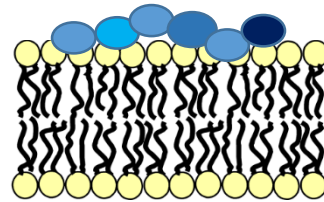
Peptide synthesis – synthesis and membrane interaction studies of internalising peptides of viral origin

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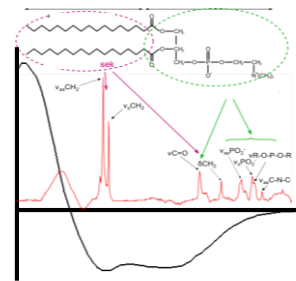
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Solid phase peptide synthesis



Analysis of membrane interaction



Secondary structure studies:
ECD, LD, IR spectroscopy

Method: Solid phase peptide synthesis for viral peptides. The interaction of the peptides with model membrane systems was studied with circular and linear dichroism, as well as infrared spectroscopies.

Scientific Goal: Understanding the structure – activity relationships of viral cell targeting peptides via spectroscopic membrane interaction studies.

Result: Peptides of HSV origin have been prepared. Secondary structure of the purified, identified peptides was studied in the presence of or without model membranes with infrared and polarized light spectroscopy.