



Institut de Nanociència
i Nanotecnologia



UNIVERSITAT DE
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Peptide binding to lipid monolayers and bilayers : how to get valuable and useful information

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Room 206 (Faculty of Pharmacy and Food Sciences)

A large number of different types of peptides bind membranes. Cell membranes contain more than 100 different types of lipids. This complexity has resulted in the use of model membranes to determine the extent of peptide membrane binding to study individual lipids and lipid mixtures. I will present typical examples of studies performed to gather information on the extent of binding in monolayers or bilayers using different approaches, such as infrared and fluorescence spectroscopy.



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Expert in biophysics of membranes and chemistry of proteins.