

CA18202 STSM

Binding of Fluorescent Peptides and Lipids to Albumin and DNA

19/06/2023 - 13/07/2023

Origin institution

Centre de Biophysique Moléculaire CBM -CNRS

University of Orléans
France



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Host institution

Università di Pisa

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The purpose of the STSM was to perform titration to characterize binding of small organic molecules to biomolecules like proteins and DNA with the help of spectrophotometry. The analysis of related spectrophotometric titrations (absorption, fluorescence) provided information on the stoichiometry of complexes and on their binding affinity.

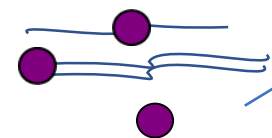


Or

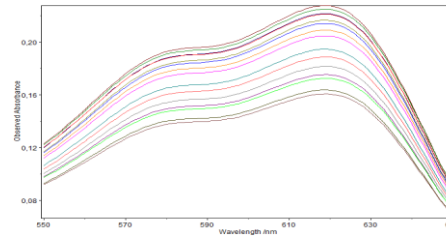
BSA

Biomolecules

Interactions ?



**Small organic
fluorescent molecules**



**Spectrophotometric titrations
(absorption, fluorescence)**

**Analyses to determine binding
affinities, spectral characteristics
of the studied systems.**



Learning new skills

Scientific exchanges

Networking



Funded by
the European Union