



# PIRAMID

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PROTEIN INTERACTIONS  
IN RATIONAL APPROACHES  
FOR MEDICINAL  
INNOVATIVE DRUGS

## Conférence Olivier SPERANDIO

Vendredi 17 mars 2017, 14h30-16h

Salle Marie Curie du Laboratoire CEISAM

Faculté des Sciences et Techniques de Nantes

**Cheminformatics and proteochemometrics contributions to the pharmacological studies of macromolecular interactions : Highlights on Protein-Protein Interactions.**

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This presentation will focus on the use of in silico approaches that facilitate the pharmacological modulation of macromolecular interactions such as protein-protein interactions (PPI) by small molecules. It combines cheminformatics and structural bioinformatics techniques to characterize the structural properties of binding cavities present at the core of PPI interfaces and the most suitable physicochemical profile of the small molecules meant to modulate them.