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S E M I N A I R E

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« Better Together: Integrative Modeling of Protein Interactions »

Protein interactions dominate the majority of cellular processes, making their structural characterization an important step in our understanding of cellular homeostasis and disease. In this presentation, I will introduce the concept of integrative modeling, which allows building high-quality structural models of protein interactions with atomic resolution by combining sparse experimental data with computational modeling methods. I will then show how we recently pieced together the complexes of GPCRs with a kinase and a chemokine ligand from existing crystal structures, using NMR and mass spectrometry data together with simulation.

Lundi 11 décembre 2017
15h30

Salle de conférence