

SÉMINAIRES ET CONFÉRENCES



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**“Making sense of disordered regions in proteins:
An example from the transcription co-activator complex Mediator”**

Mediator is a large coactivator complex that plays a crucial role in RNA polymerase II transcription. It is made of multiple subunits organized into four modules. The Head, Middle, and Tail modules form a complex that interacts with the Cdk8 kinase module (CKM) but work from our lab showed that CKM is ejected when Mediator joins the pre-initiation complex at promoters. This implies that the interaction between Mediator and CKM is regulated and suggests that CKM ejection may represent a way to tamper Mediator function. I will present our recent unpublished work aiming at understanding the Mediator-CKM interaction. This work highlights the importance of intrinsically disordered regions, found in both Mediator and CKM, for the function of Cdk8. We found that these regions function at different levels and via different mechanisms.



Lundi 15 avril 2024, 11h30

Pavillon Joseph-Armand-Bombardier, Salle : 1035

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