

# SÉMINAIRES ET CONFÉRENCES



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**“HIV-1 Accessory Proteins: From Membrane Trafficking to Disease “**

The focus of my laboratory is the study of protein movement within cells. This presentation will define how HIV-1 accessory proteins can interact with host cellular partners to ensure an optimal cellular environment where HIV-1 can thrive and thwart the immune response. Indeed, the HIV-1 proteins Nef and Vpu are multifunctional viral proteins able to interact with multiple host proteins. As Nef itself is membrane anchored and Vpu is a transmembrane protein, they often interact with membrane-bound proteins, or receptors, and concomitantly modify their cellular localisation. Effectively, host protein mis-localisation by Nef and Vpu are key mechanisms utilized by HIV to evade the human immune response, and effectively ensure viral pathogenesis.



Faculté de médecine  
Département de biochimie  
et médecine moléculaire

Université   
de Montréal

**Le lundi 30 octobre, 11h30**

**Pavillon Joseph-Armand-Bombardier, Salle : 1035**

**ET**

**[Lien Zoom](#)**

Invité de James omichinski  
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