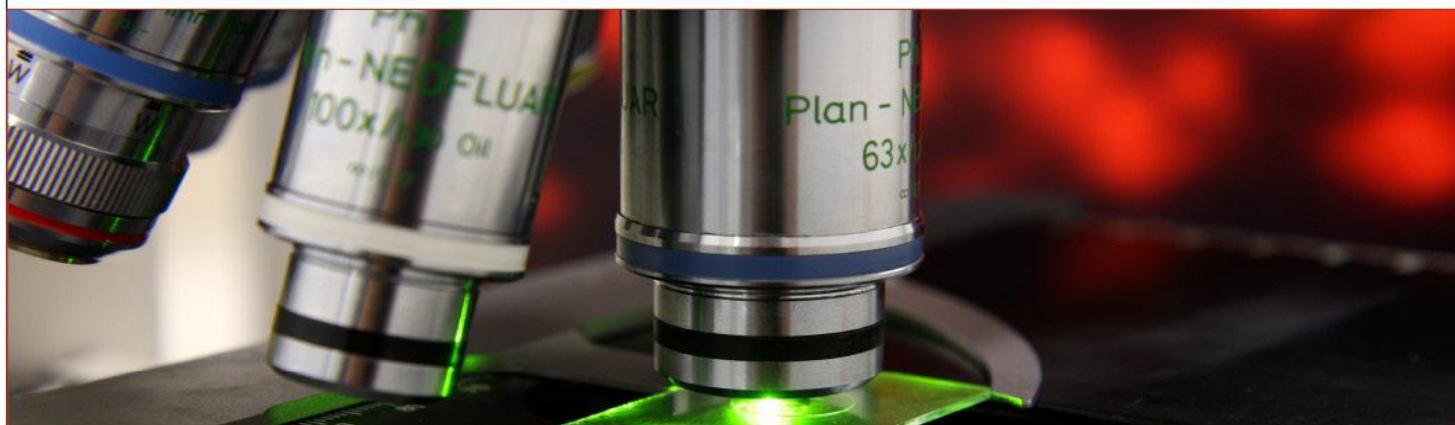


SÉMINAIRES ET CONFÉRENCES



Simon Boudreault, Ph.D.

Children's Hospital of Eastern Ontario

" Importance of nonsense-mediated decay in innate immune sensing and virus-host interactions "

RNA processes, such as splicing and decay, play a critical role in maintaining cellular homeostasis. During innate immune sensing, these processes regulate the breadth and the temporality of the response, and are notably targeted by viruses. In this presentation, I will describe a recently discovered negative feedback loop in innate immune sensing involving nonsense-mediated decay (NMD), a targeted mRNA degradation process, that limits over-inflammation. The accumulation of NMD-targeted transcripts during viral infection and the contribution of this feedback loop during virus-host interactions will also be discussed. These findings underline the importance of RNA processes such as NMD in immunity.



Faculté de médecine
Département de biochimie
et médecine moléculaire

Université 
de Montréal

Le jeudi 12 novembre, 12h30

Pavillon Joseph-Armand-Bombardier, Salle : 1035

Et

[Zoom](#)

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