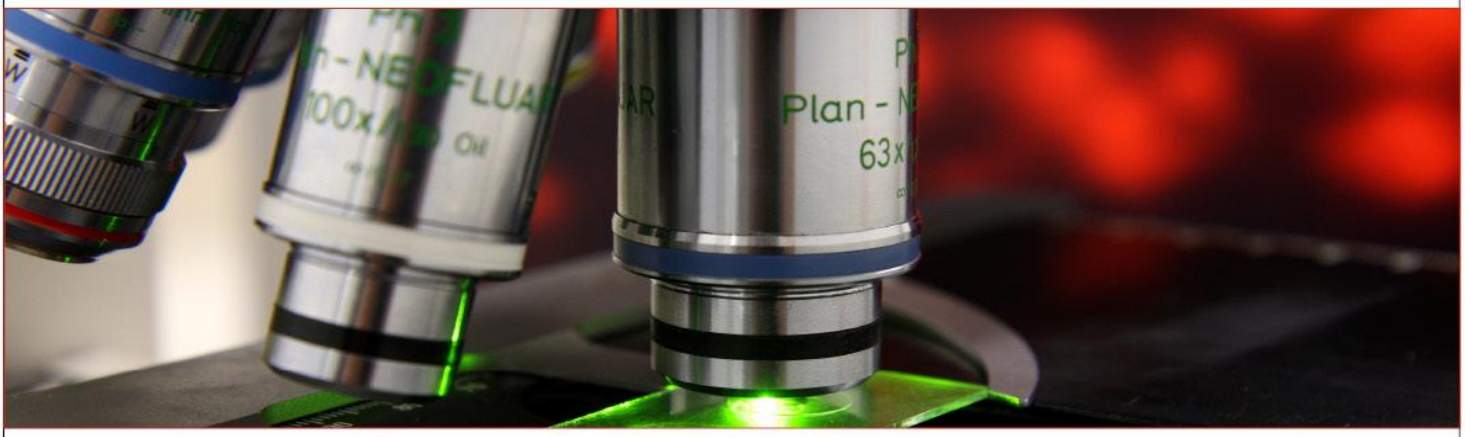
SÉMINAIRES ET CONFÉRENCES



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.

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GE MERCK Vivre mieux VWR Boehringer Ingelheim AstraZeneca

Faculté de médecine
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Université de Montréal

Le jeudi 12 novembre, 12h30

Pavillon Joseph-Armand-Bombardier, Salle : 1035

Et

Zoom

invité de Malik Chaker-Margot

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