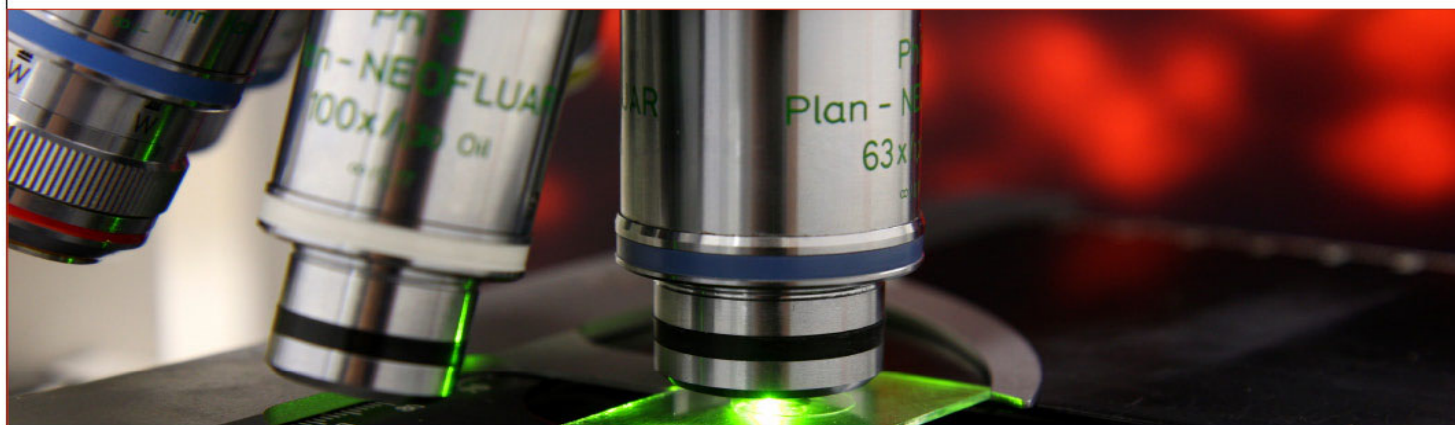


# SÉMINAIRES ET CONFÉRENCES



**Hugo Wurtele**

**Département de Médecine-Université de Montréal  
Centre de Recherche de l'Hôpital Maisonneuve-Rosemont**

**“Know your limits: the impact of RPA availability on cancer chemotherapy and responses to replicative stress”**

DNA replication is a fundamental process which permits duplication of a cell's genetic material toward its eventual transfer to daughter cells. DNA lesions caused by environmental agents or anticancer drugs can block DNA replication and cause genomic instability. Our lab investigates the molecular mechanisms that allow cells to respond to replicative stress in the context of cancer development and treatment. I will discuss our ongoing studies of the mechanisms that modulate the availability of factors shared between DNA replication and repair for either processes, and how these phenomena influence the sensitivity of cancer cells to genotoxins that block the progression of DNA replication.

<https://umontreal.zoom.us/j/83792072321?pwd=RHhEd2xqL0ptM1hZOXhwK2pWNTMOUT09>



Faculté de médecine  
Département de biochimie  
et médecine moléculaire

Université   
de Montréal

**Le lundi 13 décembre 2021, 11h30**

Invité de Pascale Legault