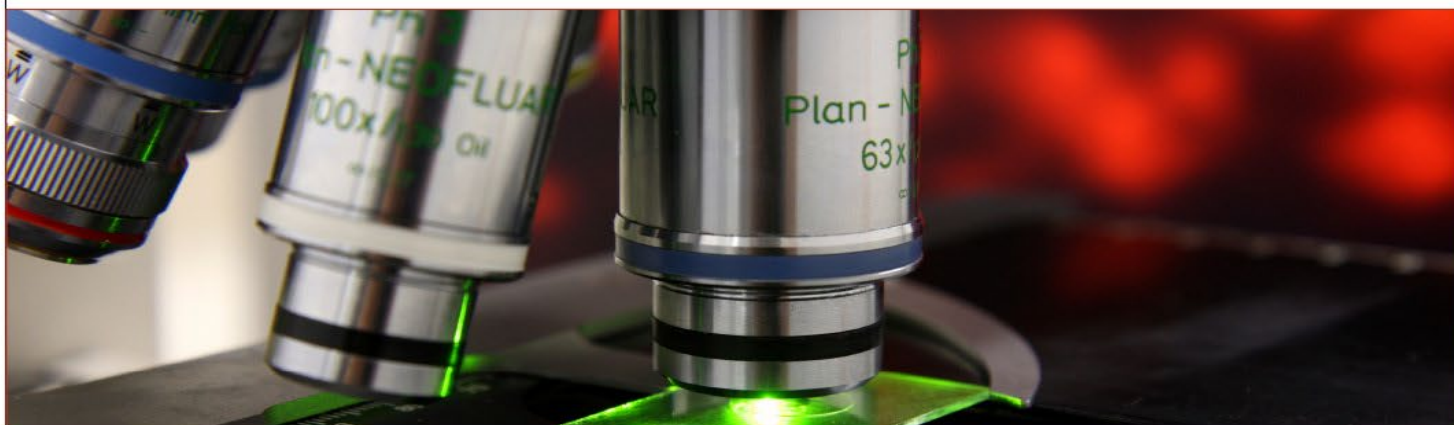


SÉMINAIRES ET CONFÉRENCES



Daniel De Carvalho
Department of Medical Biophysics
University of Toronto

“Deregulation of retroelements as a tumor suppressor mechanism and an emerging therapeutic opportunity in Cancer”

Dr. De Carvalho's research focuses on basic and translational aspects of cancer epigenetics. His lab is developing DNA methylation-based liquid biopsy tools combined with advanced computational approaches applied to cancer early detection, classification and monitoring. His laboratory also works on the epigenetic regulation of Transposable Elements (TEs) with the goal to understand their biology in tissue homeostasis and in cancer development. His group identified that Epigenetic therapies are able to re-activate TEs, leading to an immune response known as viral mimicry. In collaboration with pharmaceutical companies, his group is developing new drugs to induce an anti-viral response against cancer. Dr. De Carvalho is also investigating the epigenetic regulation of immune cells (CD8 T cells) and developing approaches to improve their killing potential against cancer cells.



Lundi 2 décembre 2024, 11h30

Pavillon Joseph-Armand-Bombardier, Salle : 1035

Faculté de médecine
Département de biochimie
et médecine moléculaire

Université 
de Montréal

ET

<https://umontreal.zoom>

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