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“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=RHhEd2xqL0ptM1hZOXhwK2pWNTM0UT09

Le lundi 13 décembre 2021, 11h30
Invité de Pascale Legault