UNIVERSITY of GUELPH

COLLEGE of BIOLOGICAL SCIENCE

DEPARTMENT OF MOLECULAR AND CELLULAR BIOLOGY

Seminar SPEAKER SERIES

2021-2022

FEB 9 WED **10:30 AM**

Virtual via MS Teams

DR. AMELIE FRADET-TURCOTTE

ASSOCIATE PROFESSOR, CANCER RESEARCH CENTRE, UNIVERSITE LAVAL

Host-pathogen interactions rewire DNA repair pathway choice in cells transformed by human papillomavirus.

Amélie Fradet-Turcotte is an associate professor at Université Laval and a researcher at CHU de Québec Research Center since 2015. Amélie did her postdoctoral studies at the Lunenfeld-Tanenbaum Research Institute in Toronto, and she holds a PhD in biochemistry from Université de Montréal.

As a PhD student in the laboratory of Jacques Archambault at the Institut de Recherches Clinique de Montréal (IRCM), she studied how replication of oncogenic viruses impacts biological processes of the host cell.

She then pursued her interest in understanding how external stress shape cellular behavior by joining the team of Daniel Durocher in Toronto. There, she unraveled the molecular mechanisms that are central to the repair of DNA breaks, a process that is essential to maintain genomic stability in cells. As a Canada Research Chair in Molecular Virology and Genomic Instability, her research interest is in understanding the regulation of the molecular processes that safeguard our genetic material in infected cells as well as the consequences of their deregulation on cancer development.

All welcome to attend

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