Functional Expression of Antiretroviral Transporters and Metabolic Enzymes in HIV Sanctuaries and Cellular Reservoirs—Potential Contribution to HIV-1 Persistence

Reina Bendayan, Ph.D.
Professeure, Département de sciences pharmaceutiques
Leslie Dan Faculty of Pharmacy, University of Toronto

à l’invitation de la professeure Nancy Sheehan

Mardi, 30 octobre 2018 à 12h - Pavillon Jean-Coutu, salle S1-125

This seminar will discuss the role that membrane-associated drug transporters (in particular efflux pumps), metabolic enzymes and nuclear receptors involved in antiretroviral drug disposition can play in limiting drug tissue penetration and effective tissue/cellular concentrations in brain and testis. Potential contribution to persistent HIV-1 infection and formation of viral sanctuary sites and reservoirs will be discussed.