***Early-life Adversity, Epigenetic Regulation and Suicide Risk***

**Turecki, Gustavo MD, PhD**

Suicide is a complex behaviour that frequently associates with a history of early-life adversity. Dr. Turecki’s talk will discuss how adversity during childhood may differentially regulate the brain and increase lifetime risk of suicide. He will present data from his laboratory suggesting that specific biological pathways are regulated by the early-life environment through diverse epigenetic processes, and may contribute to suicide risk by differentially regulating behavioural trait development and cognitive function. A conceptual framework to understand suicide risk among individuals exposed to early-life adversity will be presented.