**Traumatic Brain Injury Induced Chronic Inflammation and Cognitive Impairment is Attenuated by Inhibition of the type 1 Interferon pathway**

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In this talk, Dr. Godbout and his graduate trainee, Jonathan Packer, will discuss the consequences of chronic inflammatory signaling after Traumatic Brain injury (TBI) in mice. Their work indicates that the transition from acute inflammation to chronic inflammation in the brain after TBI is type 1 interferon (IFN) dependent. For instance, augmentation of IFN signaling in the brain increased neuropathology after TBI and inhibition of IFN signaling after TBI reduced neuropathology and improved cognitive recovery. Therefore, the blockade of IFN signaling after TBI may represent a therapeutic target to reduce persistent neuropathological processes and improve functional recovery.

1 CME

Friday, June 3, 9:30AM | [https://go.osu.edu/CBIactivities](https://go.osu.edu/CBIactivities)