



Séminaire / Seminar

30 octobre / October 30 (12:00)

1001 boul. Décarie, Bloc E, EM1.3509



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Endotoxemia, inflammation and HIV: Revisiting an old concept

Endotoxemia is the change in the permeability of the intestinal flora, which allows the passage of lipopolysaccharide derived from intestinal bacteria into the bloodstream. Outside sepsis, low level of endotoxemia occurs during IBDs, obesity and metabolic syndrome contributing to inflammatory morbidity that include cardio-vascular disease, liver steatosis and cancer. Recently, HIV infection has been also associated with endotoxemia that persists on ART. In addition to LPS, we have showed that both latent CMV co-infection and fungal translocation also contribute to increase gut permeability and endotoxemia. New therapeutic strategies are needed to reduce endotoxemia to limit non-AIDS morbidity and to improve vaccine response.



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