

The Centre for Blood Research presents

CBR SEMINAR SERIES



Wednesday, November 8, 2023
1:00PM - 2:00PM PT

Life Sciences Centre
1003 (LSC3) & Zoom

“Interplay between endogenous retroviruses and inflammation.”

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Endogenous retroviruses (ERVs) are transposable elements that are encoded in most eukaryotic genomes. Approximately eight percent of the human genome is attributed to ERVs, yet the biological function of ERVs and their physiological relevance in health and disease are not well understood. Our lab is focused on uncovering novel intersections between ERVs and inflammation by investigating the immunomodulatory roles of ERVs. We have studies that show how ERVs are involved in immune activation and antiviral immunity. These insights shed light on the potential to harness these viral genomic elements to modulate outcomes of inflammatory diseases.

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