

The Centre for Blood Research presents

# CBR SUMMER SEMINAR SERIES



## “Novel bioengineering approaches to improve blood transfusion and preservation of blood products”

**Date & Time:** Wednesday, July 13 | 1:00PM - 2:00PM PT

**Hybrid:** Life Sciences Centre Room 1003 (LSC3) & Zoom

**From the lab of:** Dr. Jayachandran N. Kizhakkedathu, *Professor*  
Department of Pathology and Lab Medicine, Centre for Blood Research

**Presented by:** Haisle Moon, Dr. Anna Herrmann and Dr. Kai Yu

In this talk, Kizhakkedathu lab will present their recent efforts in the development of universal blood donor cells and their immunological compatibility, development of novel platelet storage devices to prevent bacterial growth and improve the quality of stored platelets and introduce a new polymer-based ultra-hydrating protecting agent to improve the cryopreservation of proteins, red blood cells and lipid vesicles.

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