



The UBC Centre for Blood Research presents



The 14th Annual Norman Bethune Symposium

WEDNESDAY, APRIL 15, 2026

Venue: UBC Robson Square, 800 Robson St, Vancouver, BC, Canada

Live Webcast: <https://tinyurl.com/NBSWEBCAST26>

Registration: <https://tinyurl.com/CBRNBS26>

*** All times are Pacific Time (PT)

- 8:00 - 8:50** **Breakfast and Registration**
- 8:50 - 9:00 **Hugh Kim**, DMD, PhD, UBC Faculty of Dentistry and CBR Director, Welcome Remarks
- 9:00 - 9:20 **Jessica Krahn**, MD, UBC, "Introduction to Beta Thalassemia and Advances in Gene Therapy"
- 9:30 - 9:40 **Emily Lee**, "Reborn: Life Before and After CRISPR"
- 9:45 - 10:05 **Sakara Hutspardol**, MD, Vancouver General Hospital, "Clinical utility of viscoelastic assay in trauma-induced coagulopathy"
- 10:15 - 10:22 **Erik Lamoureux**, UBC, "Red Blood Cell Deformability as a Biomarker to Predict Circulatory Clearance Time in Chronic Transfusion Recipients"
- 10:25 - 11:00** **Coffee break and Posters**
- 11:00 - 11:20 **Carmen Charlton**, PhD, D(ABMM), FCCM, Canadian Blood Services, "What's in the Bag? Emerging Infectious Threats to the Blood Supply"
- 11:30 - 11:50 **Jayachandran Kizhakkedathu**, PhD, UBC, "Next Generation Blood Storage Devices"
- 12:00 - 12:07 **Sonia Mirza**, Ontario Tech University, "Investigating the Association between Anemia and Dementia Among Adult Populations: A Tertiary Hospital-Based Study"
- 12:10 - 12:17 **Sarah Keyes**, UBC, "Delays in hydroxyurea initiation among patients with sickle cell disease upon relocation to British Columbia"
- 12:20 - 12:30 "Shot Gun Presentations"
- 12:30 - 13:30** **Buffet Lunch and Posters**
- 13:30 - 13:40 **Cedric Carter**, MD, UBC, The Remarkable Careers of Don Brooks and Dana Devine
- 13:40 - 14:00 **Karina Yazdanbakhsh**, PhD, Lindsley F. Kimball Research Institute of the New York Blood Center, Don Brooks and Dana Devine Transfusion Science Innovation Address, "Transfusions and immune landscape in sickle cell disease"
- 14:10 - 14:30 **Sandra Ramirez**, PhD, Canadian Blood Services, "Is it time to re-evaluate universal blood donor screening for syphilis in Canada?"
- 14:40 - 14:47 **Vicky Xiao**, UBC, "Reprogramming the endothelium to potentiate its anti-thrombotic and anti-inflammatory properties via angiotensin receptor blockade pleiotropy: an early role of nitric oxide (NO)"
- 14:50 - 15:20** **Coffee break and Posters**
- 15:20 - 15:40 **P. Clint Spiegel**, PhD, Western Washington University, "Structural analysis of the activation and inhibition of the intrinsic tenase complex"
- 15:50 - 16:10 **Natalie Strynadka**, PhD, UBC, "Structure guided therapeutic discovery targeting highly antibiotic resistant Staphylococcal aureus"
- 16:20 - 16:27 **Armando Palacios**, UBC, "Native and High-Resolution Structure of the Enteropathogenic Escherichia coli Injectisome by in situ CryoET and Single Particle CryoEM"
- 16:30** **Awards and Social**

QUESTIONS?

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