



The UBC Centre for Blood Research presents



The 12th Annual Norman Bethune Symposium

THURSDAY, APRIL 18, 2024

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

Live Webcast: www.tinyurl.com/NBSWEBCAST24

Registration: www.tinyurl.com/CBRNBS2024



*Draft Program – Speaker order & timing may change**

*** All times are Pacific Time (PT)

7:15 - 8:00	Buffet Breakfast
8:00 - 8:10	Ed Conway , CBR, UBC, Welcome remarks
8:10 - 8:30	Christian Kastrup , PhD, Versiti Blood Research Institute, <i>“Genetically modified transfusable donor platelets using mRNA-lipid nanoparticles”</i>
8:40 - 8:50	Ritika Rakshit , PMP, <i>“A patient’s journey with thalassemia”</i>
8:55 - 9:05	Vignesh Murthy , MD, UBC, <i>“Pathophysiology & complications of iron overload in thalassemia”</i>
9:10 - 9:30	Hayley Merkeley , MD, UBC, <i>“Advances in care of patients with sickle cell disease”</i>
9:40 - 10:00	Ilene C. Weitz , MD, Keck School of Medicine, USC, <i>“Advances in mechanisms underlying & treating cold agglutinin disease”</i>
<hr/>	
10:10 - 10:50	Coffee break and posters
<hr/>	
10:50 - 11:10	Geraldine Walsh , PhD, Developmental Scientist, Canadian Blood Services, <i>“Taking the unmarked trail: Perspectives on my career path in blood sciences”</i>
11:20 - 11:50	Georgina Butler , <i>“Role of the SARS-CoV-2 3CLpro main protease in intercellular infection”</i> Helena Sverak , <i>“Computational approaches to inhibit Klebsiella pneumoniae”</i> Grace Kuo , <i>“Engineering CAR-expressing innate lymphoid cells for cancer immunotherapy”</i>
11:50 - 12:00	Cedric Carter , MD, UBC <i>“The remarkable careers of Don Brooks and Dana Devine”</i>
12:00 - 12:30	Stephen Withers , PhD, UBC, Don Brooks & Dana Devine Transfusion Science Innovation Address: <i>“Democratizing transfusion & transplants: Making universal blood & organs through enzymes”</i>
12:40 - 12:50	“Shot-gun” presentations
<hr/>	
12:50 - 13:50	Buffet lunch and posters
<hr/>	
13:50 - 14:20	Jerry Leung , <i>“Engineering megakaryocytes from blood progenitor cells using mRNA lipid nanoparticles”</i> Zoya Tawhidi , <i>“Phagocytosis & complement in fetal & neonatal alloimmune thrombocytopenia”</i> Fateme Babaha , <i>“Improving AAV delivered FVIII transgene expression”</i>
14:20 - 14:40	Ishac Nazy , PhD, McMaster University <i>“New insights into the mechanisms underlying heparin induced thrombocytopenia/thrombosis”</i>
<hr/>	
14:50 - 15:20	Coffee break and posters
<hr/>	
15:20 - 15:50	Aron Shoara , <i>“Next-generation hemostatic gauze”</i> David Thiam En Lim , <i>“Novel rapidly excreting inhibitors to target immunothrombosis”</i> Abhinav Checkervarty , <i>“Sickle-cell trait affects early life immunity, but not vaccine response”</i>
15:50 - 16:10	Katerina Pavenski , MD, St. Michael’s Hospital, U of Toronto, <i>“Advances in prediction and management of immune thrombotic thrombocytopenia/ purpura (iTTP)”</i>
16:20 - 16:40	Ed Pryzdial , PhD, UBC, Canadian Blood Services, <i>“Dengue virus-induced thrombocytopenia”</i>
16:50 - 18:00	Awards and Social

QUESTIONS?

FOR EVENT LOGISTICS, CONTACT: MIRA.MILUTINOVIC@UBC.CA

FOR STUDENT PRESENTATIONS, TRAVEL AWARDS & POSTERS, CONTACT: KAITLYN.CHUONG@UBC.CA

