



The UBC Centre for Blood Research presents



# The 12<sup>th</sup> Annual Norman Bethune Symposium

THURSDAY, APRIL 18, 2024

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

Live Webcast: [www.tinyurl.com/NBSWEBCAST24](http://www.tinyurl.com/NBSWEBCAST24)

\*\*\* All times are Pacific Time (PT)

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

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