

The UBC Centre for Blood Research presents

# The 10th Annual Norman Bethune Symposium

## SYMPOSIUM PROGRAM

Tuesday May 18, 2021 | 8:00AM PT – 3:45PM PT | Zoom

All times are Pacific Time (PT)

7:30 - 8:00	Breakfast at Home!
8:00 - 8:10	Opening remarks
8:10 - 8:30	<b>Dr. Daniele Prati</b> , Milan, <i>"ABO blood type and susceptibility to SARS-CoV-2 infection"</i>
8:40 - 9:00	<b>Dr. Rebecca Cardigan</b> , UK, <i>"The quest for ABO Universal Plasma"</i>
9:10 - 9:40	<b>Virtual Poster Session</b>
9:40 - 9:55	Health break (15 minutes)
9:55 - 10:20	<b>Andy An</b> , UBC, <i>"Effects of S100A9 on macrophage cellular reprogramming in the context of sepsis"</i> <b>Emel Islamzada</b> , UBC, <i>"Deformability Signatures and Aging Curves of Donor RBCs in Standard Blood Bags and Their Segments"</i> <b>Massimo Cau</b> , UBC, <i>"Minimally Invasive Delivery of CounterFlow Hemostatic Powder can Manage Non-Compressible Truncal Hemorrhage in Swine"</i>
10:20 - 10:40	<b>Dr. Jeannie Callum</b> , Queen's University, <i>"Use of 4-Factor PCC in Cardiac Surgery the FARES Study"</i>
10:50 - 11:10	<b>Dr. Richard Francis</b> , Columbia University, <i>"The effects of donor glucose-6-phosphate dehydrogenase deficiency on the red blood cell storage lesion"</i>
11:20 - 11:50	Health Break (30 minutes, after Q&A)
11:50 - 12:15	<b>Dr. Basit Yousuf</b> , Canadian Blood Services, <i>"Transcriptomic analyses reveal strain-dependent enhanced capsule and biofilm formation in Staphylococcus aureus grown in platelet concentrates"</i> <b>Nancy Yang</b> , UBC, <i>"The impact of chronic and latent viral infections on aging in people living with HIV"</i> <b>Liliana Jimenez</b> , UBC, <i>"Platelet Factor 4 (PF4); potential biomarker for Juvenile Idiopathic Arthritis (JIA)"</i>
12:15 - 12:35	<b>Dr. Andre Cap</b> , US Army, San Antonio, <i>"Transfusion and beyond: transformational change in the care of massive hemorrhage"</i>
12:45 - 13:05	<b>Dr. Marianne Nellis</b> , Weill Cornell Medical College, <i>"Platelet Storage Age and Clinical Outcomes in Critically Ill Children"</i>
13:15 - 13:30	<b>Sharon Bulger (Vancouver)</b> <i>"Cameron's Story"</i>
13:30 - 13:50	<b>Dr. Meghan Delaney</b> , National Children's Hospital, Washington DC, <i>"Access to Safe Blood Transfusion in Low and Middle Income Nations"</i>
14:00 - 14:20	Health Break (20 minutes, after Q&A)
14:20 - 14:45	<b>Wenjing Xia</b> , UBC, <i>"The role of type 2 Innate lymphoid cells in tumour immunity"</i> <b>Dr. Alex Leatherdale</b> , UBC, <i>"Persistently elevated complement alternative pathway biomarkers in COVID-19 correlated with hypoxemia and predict in-hospital mortality"</i> <b>Nabil Ali-Mohamad</b> , UBC, <i>"Extra-terrestrial soils activate coagulation factor XII and manage bleeding in a porcine model of liver laceration: Implications for hemorrhage control during space exploration"</i>
14:45 - 15:05	<b>Dr. Mypinder Sekhon and Ryan Hoiland</b> , VGH ICU & Neurointensivist, <i>"Impact of blood transfusion on cerebral blood flow regulation in experimental and pathological brain hypoxia in humans"</i>
15:15 - 15:45	<b>Awards and social time</b>

Register here: [www.tinyurl.com/CBR-NBS2021-register](http://www.tinyurl.com/CBR-NBS2021-register)  
For more information: [www.cbr.ubc.ca](http://www.cbr.ubc.ca)



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