

The UBC Centre for Blood Research presents
THE 8TH ANNUAL NORMAN BETHUNE SYMPOSIUM
WEDNESDAY, APRIL 3, 2019
UBC ROBSON SQUARE, 800 ROBSON STREET, VANCOUVER, BC

Live Webcast: <https://tinyurl.com/2019NBS-Webcast>

Program

- 7:15 - 8:00 Registration and Breakfast
- 8:00 - 8:10 **Drs. Dana Devine and Ed Conway**, UBC, Introductory remarks
- 8:10 - 8:30 **Richard M. Kaufman**, MD, Brigham and Women's Hospital, Boston, *"Plateletpheresis-associated lymphopenia in frequent platelet donors"*
- 8:40 - 9:00 **Angelo d'Alessandro**, PhD, U of Colorado *"Red Blood Cell Storage: from Omics Studies to Personalized Transfusion Medicine"*
- 9:10 - 9:30 **Kelsey Johnson**, PhD Candidate, UBC, *"Paid plasma: the ethical debate"*
- 9:40 - 10:20 Coffee break and posters
- 10:20 - 10:40 **Chris Overall**, PhD, UBC, *"Redeployment of a Potent MALT1 Inhibitor as a Molecular Corrector that Rescues Lymphocyte Mutant MALT1 Activity and Functions in an Immunodeficient Patient"*
- 10:50 - 11:10 **Anirban Sen Gupta**, PhD, Case Western Reserve U., *"Platelet-inspired nanotechnologies for hemostasis and drug delivery applications"*
- 11:20 - 11:25 **Massimo Cau**, UBC, *"Topical tranexamic acid formulated with self-propelling particles"*
- 11:30 - 11:35 **Emel Islamzada**, UBC, *"Deformability as a biomarker for quality of red blood cells"*
- 11:40 - 11:55 **Georgina Butler**, PhD, UBC, *"The Box"*
- 12:00 - 12:20 "Shot-gun" talks
- 12:20 - 1:20 Buffet lunch and posters
- 1:20 - 1:40 **Jeannie Callum**, MD, U of Toronto *"Research in advancing hemostasis and hemorrhage control: time to leave the land of components?"*
- 1:50 - 2:10 **Mitchell Cohen**, MD, University of Colorado, *"Translational approaches to Acute Traumatic Coagulopathy: Clinical observations, translational research and precision medicine for trauma resuscitation"*
- 2:20 - 2:25 **Wayne Zhao**, UBC, *"Characterization of cold-stored platelets in vitro"*
- 2:30 - 2:35 **Narges Hadjesfandiari**, UBC, *"Time to production and RBC hemolysis"*
- 2:40 - 2:45 **Ahmed Al-Arnawoot**, McMaster University, *"Engineering α -1 proteinase inhibitor to target neutrophil PR3"*
- 2:50 - 3:20 Coffee and posters
- 3:20 - 3:35 **Peter Rahfeld**, PhD, UBC, *"Discovery of new enzymes for universal donor blood production"*
- 3:40 - 4:00 **Aaron Tobian**, MD, PhD, Johns Hopkins, *"Red Blood Cell Transfusion: Risks, Recommendations and Temporal Trends"*
- 4:10 - 4:30 **Robin Turner**, PhD, UBC, *"Assessing the condition of stored RBCs within sealed blood bags using Raman spectroscopy"*
- 4:40 - 6:30 Wrap up and social

