

Technological Platforms for Cell Therapies

Hosts: BC RegMed and the SFU Centre for Cell Biology, Development and Disease

Location: Big Data Hub, Simon Fraser University

8:30 am – 8:35 am	Welcome
8:35 am – 8:45 am	BC RegMed and C2D2
8:45 am – 10:05 am	<i>Cellular Therapeutics</i>
8:45 am – 9:10 am	Kevin Hay, Terry Fox Laboratory – <i>“Lessons learned from a CD19 CAR-T cell trial: Setting up a Canadian-based CAR-T cell program”</i>
9:10 am – 9:35 am	Brad Nelson, Deeley Research Centre and University of British Columbia – <i>“Engineered effector cells for cancer immunotherapy: toward an innovative, sustainable manufacturing model for Canada”</i>
9:35 am – 10:00 am	Megan Levings, BC Children’s Hospital Research Institute – <i>“Antigen specific and third party regulatory T cell therapy”</i>
10:00 am – 10:25 am	Mark Brockman, Simon Fraser University – <i>“Isolation and functional analysis of antigen-specific T cell receptors”</i>
10:25 am – 10:40 am	<i>Break</i>
10:40 am – 12:20 pm	<i>Cellular screening and manipulations</i>
10:40 am – 11:05 am	David Voadlo, Simon Fraser University – <i>“Chemical biology strategies and high throughput cell-based screening for neurodegenerative diseases”</i>
11:05 am – 11:30 am	Glen Tibbits, Simon Fraser University and BC Children’s Hospital Research Institute – <i>“Using iPSC-derived human heart cells to understand and treat cardiac arrhythmias”</i>
11:30 am – 11:55 am	Francis Lynn, BC Children’s Hospital Research Institute – <i>“Modelling human development and disease in BC: how the BCCHR/UBC TDMC can help”</i>
11:55 am – 12:20 pm	Vikramaditya Yadav, University of British Columbia – Title TBD
12:20 pm – 1:20 pm	<i>Lunch and posters</i>
1:20 pm – 2:35 pm	<i>Clinical and regulatory issues related to cell therapies</i>
1:20 pm – 1:45 pm	Tania Bubela, Simon Fraser University – Title TBD
1:45 pm – 2:10 pm	Sowmya Viswanathan, Krembil Research Institute, University Health Network – <i>“A first-in-Canada phase I/II stromal cell therapy trial in osteoarthritis – mechanistic and regulatory insights”</i>
2:10 pm – 2:35 pm	Kirk Schultz, BC Children’s Hospital – <i>“Update on pediatric cell therapies at BCCH”</i>
2:35 pm – 5:00 pm	<i>Reception and posters</i>