

Program Schedule

Wednesday May 28, 2014

	BUS ARRIVAL
16:00 – 19:00	CHECK-IN and REGISTRATION
19:00 – 20:00	DINNER
20:00 – 21:00	<u>KEYNOTE LECTURE</u> FOXP3, TSLP and the regulation of immunity and inflammation Dr. Steven Ziegler <i>Director, Immunology Program, Benaroya Research Institute, Affiliated Professor, Department of Immunology, University of Washington, Seattle, WA, USA</i>
21:00 – 23:00	OPENING RECEPTION

Thursday May 29, 2014

7:00 – 8:00	BREAKFAST
8:00 – 10:00	<u>SESSION 1: Advances in Antibody Technology and Therapeutics</u> Session Chair: Dr. Jody Berry 8:00 The growing role of monoclonal antibody therapy to combat infectious diseases Dr. Gary Kobinger <i>Head, Vector Design and Immunotherapy Special Pathogens, National Microbiology Laboratory, Public Health Agency of Canada, Adjunct Professor, Department of Medical Microbiology, University of Manitoba</i> 8:30 Design and Applications of Synthetic Combinatorial Antibody Libraries Dr. Ron Geyer <i>Assistant Professor, Saskatchewan Therapeutic Antibody</i>

	<p><i>Resource, Department of Biochemistry, University of Saskatchewan</i></p> <p>9:00 Development of a monoclonal antibody for Alzheimer’s Disease that targets a unique conformational epitope in amyloid-beta oligomers Dr. Laura Saward <i>Vice President Research & Development Winnipeg, Emergent BioSolutions, Adjunct Professor, Department of Medical Microbiology, University of Manitoba</i></p> <p>9:30 V cells: A novel antigen lineage distinct from classical B cell and basophil populations Dr. Jody Berry <i>Director, Antibody Discovery, R&D, BD Biosciences Assistant Professor, Department of Immunology, University of Manitoba</i></p>
10:00 – 10:15	COFFEE BREAK
10:15 – 12:00	<p><u>SPECIAL CONCURRENT SESSION:</u> Trainee Professional Development Session Principle Investigator Group Grant Discussion</p>
12:00 – 13:00	<p>LUNCH 12:30 Students “1 minute, 1 overhead” presentations</p>
13:00 – 16:00	<p>SOCIAL ACTIVITIES Golf, Guided Walk, Swimming and more</p>

<p>16:00 – 18:00</p>	<p><u>SESSION 2: Interface of Biomedical Engineering with Infection and Immunity</u> Session Chair: Dr. Francis Lin</p> <p>16:00 Monitoring apoptosis using dielectrophoresis cytometry Dr. Douglas Thomson <i>Professor, Department of Electrical and Computer Engineering, University of Manitoba</i></p> <p>16:30 Polymeric intravaginal rings for microbicide development Dr. Emmanuel Ho <i>Assistant Professor, Faculty of Pharmacy, University of Manitoba</i></p> <p>17:00 Microengineered tools for studying immune cell migration Dr. Francis Lin <i>Assistant Professor, Department of Physics and Astronomy, Department of Immunology, University of Manitoba</i></p> <p>17:30 A microfluidic-based approach to antibody discovery Dr. Carl Hansen <i>Associate Professor, Department of Physics and Astronomy, University of British Columbia</i></p>
<p>18:00 – 19:00</p>	<p>DINNER 18:30 Students “1 minute, 1 overhead” presentations</p>
<p>19:00 – 21:00</p>	<p>POSTER SESSION</p>

Friday May 30, 2014

7:00 – 9:00	BREAKFAST
9:00 – 11:00	<p><u>SESSION 3: Mucosal Immunology</u> Session Chair: Dr. Jean-Eric Ghia</p> <p>9:00 Genetic and mucosal correlates of protection against HIV-1 infection Dr. Blake Ball <i>Chief, National Laboratory for HIV Immunology, National HIV and Retrovirology Laboratories, Public Health Agency of Canada, Assistant Professor, Department of Medical Microbiology</i></p> <p>9:30 Microbial conditioning during early life impacts immune regulation Dr. Kathy McCoy <i>Assistant Professor, Department of Clinical Research, University of Bern/ Inselspital, Switzerland</i></p> <p>10:00 Antiviral innate immune response of the porcine respiratory mucosa Dr. Francois Meurens <i>Research Scientist III, Vaccine and Infectious Disease Organization (VIDO)-InterVac, Adjunct Professor, Department of Veterinary Microbiology, University of Saskatchewan</i></p> <p>10:30 Brain-gut axis and mucosal immunity Dr. Jean-Eric Ghia <i>Director, Gastrointestinal Basic Biology Research, IBD Clinical & Research Centre Assistant Professor, Dept. of Immunology & Internal Medicine section of Gastroenterology, University of Manitoba</i></p>
11:00 – 11:30	CLOSING REMARKS and AWARD CEREMONY
11:30	LUNCH box lunches available BUS DEPARTURE

