

Update on Diagnostic Advances in Primary Immunodeficiencies (PIDs)

Thursday, April 26, 2018
Sheraton Centre Toronto | Toronto, Ontario, Canada

7:00am – 7:55am	Registration and Continental Breakfast
7:55am -8:00am	Welcome and Introduction Roshini Abraham, PhD
8:00am – 9:30am	<p>Session One: New Diagnostic Testing for Primary Immunodeficiencies <u>Moderators:</u> Jack Blessing, MD, PhD and Maurice O’Gorman, PhD</p> <ul style="list-style-type: none"> - Inflammasomes Run Amok Neil Romberg, MD Children’s Hospital of Philadelphia - When to Order What for Evaluation of Primary Immunodeficiencies James Verbsky, MD, PhD Medical College of Wisconsin <p style="text-align: center;"><u>ORAL ABSTRACT</u> <i>DIAGNOSIS OF RADIOSENSITIVITY AND DNA REPAIR DEFECT IN DNA LIGASE IV DEFICIENCY WITH A RAPID FLOW CYTOMETRY ASSAY</i> David Buchbinder, MD, MS Children’s Hospital of Orange County</p>
9:30am – 10:30am	<p>Session Two: Case-based Diagnostic Testing for Primary Immunodeficiencies</p> <p><u>Moderators:</u> Rebecca Marsh, MD; Sergio Rosenzweig, MD, PhD; Thomas Fleisher, MD</p> <p><u>CASE STUDIES</u> <i>CTLA-4 HAPLOINSUFFICIENCY-ASSOCIATED INFLAMMATION CAN OCCUR INDEPENDENTLY OF T-CELL HYPERPROLIFERATION</i> Brian Nolan, MD Children's Hospital of Philadelphia</p> <p><i>CONSTITUTIVE PHOSPHORYLATION OF DNA REPAIR PROTEINS IN SPECIFIC LYMPHOCYTE SUBSETS IN A PATIENT WITH MYB-LIKE, SWIRM, AND MPN DOMAINS 1 (MYSM1) DEFICIENCY</i></p>

	<p>Parinda Mehta, MD Cincinnati Children's Hospital Medical Center</p> <p><i>HUMAN PLCG2 HAPLOINSUFFICIENCY RESULTS IN NK CELL IMMUNODEFICIENCY AND HERPESVIRUS SUSCEPTIBILITY</i></p> <p>Joshua Alinger, MD, PhD Washington University in St. Louis</p> <p><i>RNA SEQUENCING IDENTIFIES AICHI VIRUS 1 AS THE CAUSE OF CHRONIC INFECTION WITH LYMPHOPROLIFERATION IN A PATIENT WITH X-LINKED AGAMMAGLOBULINEMIA</i></p> <p>Giorgia Bucciol KU Leuven</p> <p><i>A NOVEL ATM MUTATION ASSOCIATED WITH ELEVATED ATYPICAL LYMPHOCYTE POPULATIONS, HYPER-IGM, AND CUTANEOUS GRANULOMAS</i></p> <p>Erwin Gelfand, MD National Jewish Health</p>
10:30am –10:45am	Morning Break
10:45am – 12:00pm	<p>Session Three: Immunological Memory: T cells and B cells Do It Differently in Vaccine Responses and Infections <u>Moderators:</u> Vijaya Knight, MD, PhD, and James Verbsky, MD, PhD</p> <ul style="list-style-type: none"> - T Cell Memory Pamela Schwartzberg, MD, PhD NIH - B Cell Memory Stuart Tangye, PhD Garvan Institute, Australia <p><u>ORAL ABSTRACT</u></p> <ul style="list-style-type: none"> - <i>HYPOMORPHIC RAG1 MUTATIONS ALTER THE PRE-IMMUNE REPERTOIRE AT EARLY STAGES OF LYMPHOID DEVELOPMENT</i> Lisa Ott de Bruin, MD Boston Children's Hospital
12:00pm – 1:00 pm	Lunch
1:00pm – 2:00pm	<p>Session Four: Aspects of Immune Ageing <u>Moderators:</u> Janet Chou, MD and Andrew Snow, PhD</p> <ul style="list-style-type: none"> - The Etiology of Immune Ageing in Human Immunological Disease Janko Nikolich-Zugich, MD, PhD, University of Arizona Center on Aging (25')

	<ul style="list-style-type: none"> - Metabolic Aspects of Immune Ageing Michael Lenardo, MD, NIAID, NIH (25') <u>ORAL ABSTRACT</u> - <i>OBSTETRIC AND GYNECOLOGICAL OUTCOMES IN PATIENTS WITH STAT3 DEFICIENT HYPER IGE SYNDROME</i> Jenna Bergerson, MD NIH/NIAID/LCIM
2:00pm – 2:05pm	<p>Conclusion and Wrap Up Vijaya Knight, MD, PhD, D(ABMLI) National Jewish Health</p>