The University of British Columbia
Department of Medicine

29th Annual
Resident Research Day

Wednesday, May 22, 2013

Sutton Place Hotel
845 Burrard Street
Stella Daskalopoulou, MD, FRCPC

Dr. Daskalopoulou is an Assistant Professor in the Department of Medicine (Divisions of Internal and Experimental Medicine), McGill University. Dr. Daskalopoulou is an Internist with special interest in Vascular Medicine with an MD and PhD from the University of Athens, an MSc in Vascular Medicine and Technology and a PhD in Vascular Medicine from Imperial College London, as well as further clinical training in vascular disease prevention in London. She has established the Vascular Health Unit at the Medicine and Technology and a PhD in Vascular Medicine from Imperial with an MD and PhD from the University of Athens, an MSc in Vascular

Jagbir Gill, MD, MPH, FRCPC

Dr. Jagbir Gill is Assistant Professor of Medicine in the Division of Nephrology at the University of British Columbia. He graduated from Medicine at the University of BC in 2001 and completed his post-graduate training in Internal Medicine and Nephrology. Dr. Gill completed a post-doctoral fellowship in kidney transplantation at the University of California, Los Angeles and obtained a Masters in Public Health from Harvard University. He returned to Vancouver in 2006 and works as a transplant nephrologist at St. Paul's Hospital. He is a CIHR funded clinical researcher, conducting health outcomes research in organ donation and kidney transplantation. His current research examines determinants of the practice of transplant tourism and ethnic and socio-demographic disparities in organ donation and access to kidney transplantation.

Steve Reynolds, MD, FRCPC

Dr. Steven Reynolds is a Clinical Assistant Professor of Medicine at UBC, Department Head of the Intensive Care Unit at the Royal Columbian Hospital and an Infectious Diseases Specialist. Dr. Reynolds graduated from the University of Calgary in 2001, completed an internal Medicine Residency at Dalhousie University, and completed fellowship training in Infectious Diseases and Critical Care at the University of British Columbia. Dr. Reynolds is collaborating with Dr. Andy Hoffer (SFU) in the development of a temporary, transvenous phrenic nerve diaphragmatic pacing system with Phase 1 trials expected to be completed within the year. This year he was awarded a CIHR Proof of Principle grant to support the translation of this technology from the bench to the bedside. Dr. Reynolds' research interest also includes utilization of antibiotics in the ICU through the use of biomarkers such as procalcitonin and decision tools. He was awarded the Fraser Health Scholar Grant to support his research on procalcitonin as a means to limit antibiotics usage in the ICU.

PODIUM ADJUDICATORS

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PODIUM PROGRAM

8:00 am  Coffee
8:25 am  Opening Remarks - Dr. G. Meneilly

Session I
8:35  Monitoring Cognitive Change after Acquired Brain Injury using the Montreal Cognitive Assessment
Dr. Patricia Lim: Resident-4 (Phys. Med. & Rehab) 11:06
Sponsors: Drs. N. Silverberg & D. DeForge

9:11  The Insulin Pump vs Conventional Insulin for Type 1 Diabetes in Pregnancy: is it worth it?
Dr. Melissa Kallas-Koeman: Resident-5 (Endo) 11:42
Sponsor: Dr. J. Johnston

9:23  Tacrolimus Therapy for Ulcerative Colitis Associated Duodenitis
Drs. L. Berger & B. Rush: Resident-2 11:42
Sponsor: Dr. G. Rosenfeld

9:35  Controlled Trial Comparing 2L Split-Dose Peglyte plus Bisacodyl Combination vs 4L Split-Dose Peglyte for Outpatient Colonoscopy
Dr. George Ou: Resident-1 12:00
Sponsor: Dr. R. Enns

9:47  Less is Best? Comparing Lower-Dose IVig (1g/kg) to Higher-Dose IVig (2g/kg) in the Treatment of Adult Immune Thrombocytopenia
Dr. Mikhail Richardson: Resident-3 1:00
Sponsor: Dr. L. Chen

10:00  Poster Viewing & Coffee

Session II
10:30  Can RA Patients Self Monitor their Disease Activity?
Dr. Noura Al Osaimi: Resident-3 1:12
Sponsor: Dr. D. Lacaille

11:00  Less is Best? Comparing Lower-Dose IVig (1g/kg) to Higher-Dose IVig (2g/kg) in the Treatment of Adult Immune Thrombocytopenia
Dr. Mikhail Richardson: Resident-3 1:00
Sponsor: Dr. L. Chen

11:30  Extreme Hyperferritinemia in Adults: Experience at a Canadian Academic Centre
Dr. Andrew Wormsbecker: Resident-2 1:12
Sponsors: Drs. D. Sweet & L. Chen

11:42  Expression of Collagen Binding Discoid Domain Receptors in Human Atherosclerotic and Cardiac Transplant Vasculopathy
Dr. Chris Franco: Resident-2 1:42
Sponsors: Drs. G.B.J. Mancini & B. McManus

12:00  LUNCH

Session III
1:00  Comparison of Toxicity Experienced by Elderly versus Younger Patients in Breast Cancer Clinical Trials
Dr. Caroline Mariano: Resident-5 (Med Onco) 3:00
Sponsor: Dr. C. Lohrisch

1:12  Acute HCV Infection in HIV Patients: a Retrospective Chart Review
Dr. Mazen Badawi: Resident-3 3:00
Sponsor: Dr. M. Hull

1:18  Assessing the effect of Blood Transfusions on Ischemic ECG Changes in the Cardiac Care Unit (CCU)
Dr. Ali Reza Merali: Resident-2 3:00
Sponsor: Dr. K. Ramanathan

1:24  Characterization of Hepatitis Delta Co-infection Amongst HIV/HBV Infected patients at the St Paul's Immunodeficiency Clinic
Dr. Jennifer Samilski: Resident-2 3:00
Sponsor: Dr. M. Hull

1:36  Trends in Admissions to the St. Paul’s Hospital 10C HIV/AIDS Ward
Dr. Denise Jaworsky: Resident-2 3:00
Sponsors: Drs. M. Hull & P. Phillips

2:00  Probability of a Positive AHG-CDC T-Cell Crossmatch is Determined by the Number, Strength, and Specificity of Anti-HLA Antibodies
Dr. James Lan: Resident-5 (Nephro) 2:00
Sponsors: Drs. J. Gill & P. Keown

2:12  Novel Polymer-based Peritoneal Dialysis Solution: Influence of Polymer Size on Fluid Kinetics and Biocompatibility
Dr. Asher Mendelson: Resident-3 2:12
Sponsors: Drs. C. Du & G. Da Roza

2:25  Poster Viewing & Coffee

Session IV
3:00  A Prospective Epidemiological Study of Acute Mountain Sickness in Nepalese Pilgrims Ascending to High Altitude (4380 m)
Dr. Nadia Widmer: Resident-4 3:00
Sponsors: Dr. M. Koehle

3:12  Thinking on the Task: Testing the Efficacy of Metacognitive and Content Prompting for Simulation-Based Training of Procedural Skills
Dr. James Tessler: Resident-3 3:12
Sponsors: Drs. D. Shanks & R. Hatala

3:24  Crystal Methamphetamine use in Street-involved Youth
Dr. Sasha Uhlan: Resident-2 3:24
Sponsor: Dr. E. Wood

3:36  A Hypobaric, Hypoxic Chamber based study of the Balance Error Scoring System and its Potential as an Early, Objective Marker of Acute Mountain Sickness
Dr. Paul Hertz: Resident-2 3:36
Sponsor: Dr. M. Koehle

3:48  Radiation Exposure on CTU
Dr. Barrett Rush: Resident-2 3:48
Sponsor: Dr. B. Kassen

4:00  Blood Pressure Lowering Efficacy of Coenzyme Q10 for Primary Hypertension
Dr. Meghan Ho: Resident-1 4:00
Sponsor: Dr. J. Wright

4:15  Concluding Remarks - Dr. G. Meneilly

6:30  Dinner & Prize/Award Presentations
University Golf Club, 5185 University Boulevard
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
<th>Sponsor(s)</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>Coffee</td>
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<td>8:25 am</td>
<td>Opening Remarks - Dr. G. Meneilly</td>
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<td>8:47</td>
<td>Diagnostic Accuracy of Handheld Cardiac Ultrasound in Detection of Severe Aortic Stenosis: VScan AS</td>
<td>Dr. Amit Khosla: Resident-4 (Cardiology)</td>
<td>Dr. P. Nair</td>
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<tr>
<td>8:59</td>
<td>Can CT Coronary Angiography enhance our Understanding of Coronary Artery Disease in The South Asian Population</td>
<td>Dr. Amir Ahmadi: Resident-4 (Cardiology)</td>
<td>Drs. K. Ramanathan &amp; J. Leipsic</td>
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<td>9:11</td>
<td>Is Plaque Morphology the Answer to the Higher Incidence of Myocardial Infarction Seen in South Asians with Type II Diabetes Compared to Those Without Diabetes?</td>
<td>Dr. Saman Rezazadeh: Resident-2</td>
<td>Dr. K. Ramanathan</td>
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<td>9:23</td>
<td>Socioeconomic Variables and Impact on Time in Therapeutic Ratio</td>
<td>Dr. Tony Verma: Resident-2</td>
<td>Dr. K. Ramanathan</td>
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<td>9:35</td>
<td>Comparison of Anatomic Knee Alignment on Physical Examination and Radiographs</td>
<td>Dr. Iman Hemmati: Resident-3</td>
<td>Dr. J. Cibere</td>
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<td>9:47</td>
<td>Adalimumab Associated Antiphospholipid Syndrome: a Case Report and Review of the Literature</td>
<td>Dr. Iman Hemmati: Resident-3</td>
<td>Dr. J. Kur</td>
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<td>10:00</td>
<td>General Poster Viewing &amp; Coffee</td>
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<td>10:47</td>
<td>Stability of Factor VIII Levels with Time in Mild Hemophilia A</td>
<td>Dr. Lauren Lee: Resident-1</td>
<td>Dr. S. Jackson</td>
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<td>10:59</td>
<td>Low Volume Polyethylene Glycol Versus Magnesium Citrate as Bowel Preparation for Colonoscopy: Comparing Adenoma Detection Rates</td>
<td>Dr. Darwin Yeung: Resident-1</td>
<td>Drs. F. Donnellan &amp; N. Chatur</td>
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<td>11:23</td>
<td>Postprandial Hypotension is Attenuable with Acarbose Treatment in Older Adults with Diabetes Mellitus Type 2: a Randomized Controlled Crossover Cohort Study</td>
<td>Dr. David Harris: Resident-5 (Endo)</td>
<td>Dr. K. Madden</td>
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<td>11:35</td>
<td>Areas For Physicians to Improve Their Preconception Counseling Of Women With Pregestational Diabetes</td>
<td>Dr. Monika Pawlowska: Resident-5 (Endo)</td>
<td>Dr. D. Thompson &amp; J. Lee</td>
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<td>12:00</td>
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<td>1:12</td>
<td>Use of Virtual Patient Simulation to Enhance Interprofessional Collaboration Skills in Diabetes Team Care</td>
<td>Dr. Calvin Ke &amp; Terence Yung: Residents-1</td>
<td>Dr. R. Wong</td>
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<td>1:24</td>
<td>The Long-term Significance of De Novo Donor-Specific Antibodies in Patients Without Humoral Rejection</td>
<td>Dr. James Lan: Resident-5 (Nephro)</td>
<td>Drs. J. Gill &amp; P. Keown</td>
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<td>1:36</td>
<td>Differences in Coping Mechanisms and Supports Between Aboriginal and non-Aboriginal people living with HIV</td>
<td>Dr. Denise Jaworsky: Resident-2</td>
<td>Drs. M. Loutfy (U. of T.)</td>
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<td>1:48</td>
<td>Afatinib use in Non Small Cell Lung Cancer: a BC Experience</td>
<td>Dr. Manstein Kan: Resident-3</td>
<td>Dr. M. Melosky</td>
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<td>2:00</td>
<td>Discussions Regarding Reproductive and Sexual Health among Young Adult Survivors of Cancer</td>
<td>Dr. Ying Wang: Resident-1</td>
<td>Dr. W. Cheung</td>
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<td>3:12</td>
<td>Distance and Geographic Factors on HIV Treatment Outcomes in a Kenyan cohort of HIV patients enrolled in an SMS program (WeiTel Kenya1).</td>
<td>Dr. LeeAnne Luft: Resident-5 (Inf. Dis.)</td>
<td>Dr. R. Lester</td>
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<td>3:24</td>
<td>An audit of Inappropriate Empiric use of Piperacillin/Tazobactam: Opportunities for Antimicrobial Stewardship</td>
<td>Dr. Tom Havey: Resident-4 (Inf. Dis.)</td>
<td>Dr. V. Leung</td>
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<td>Management of Severe Malaria in the Intensive Care Unit</td>
<td>Dr. Matthew Cheng: Resident-2</td>
<td>Dr. C. Yansouni (McGill)</td>
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