

## **Opening Remarks (8:30 – 8:40 AM)**

Dr. Harvey Lui

## **Oral Presentation I (8:40 – 9:50 AM)**

Co-Chairs: Dr. Christina Scali & Mr. Eddy Wang

- 8:40 AM**      **CLINICAL RECOGNITION OF MELANOMA BY DERMATOLOGISTS AND NON-DERMATOLOGISTS** Michal Martinka, Richard I. Crawford and Shannon Humphrey
- 8:51 AM**      **IDENTIFYING KERATINOCYTE DERIVED COLLAGEN INHIBITORY FACTORS TO TREAT HYPERTROPHIC SCAR AND KELOID** Ali Farrokhi, Marwa Mohammed Abdulaziz, Yunyuan Li and Aziz Ghahary
- 9:02 AM**      **ALLERGIC CONTACT DERMATITIS AND ATOPY** Mark Kirchhof and Gillian de Gannes
- 9:13 AM**      **NOTCH/RBP-J SIGNALING PATHWAY GENES ARE SIGNIFICANTLY DIFFERENTIALLY EXPRESSED IN HAIR FOLLICLES AND BASAL CELL CARCINOMAS** Feng-Tao Shi, Mei Yu, David Zloty, Robert H. Bell, Eddy Wang, Noushin Akhoundsadegh, Gigi Leung, Anne Haegert, Nicholas Carr, Jerry Shapiro, Kevin John McElwee
- 9:24 AM**      **SKIN LOCALIZED T REGULATORY CELLS PRODUCE PRO-FIBROTIC CYTOKINES IN SYSTEMIC SCLEROSIS SKIN** Katherine MacDonald, Jessica Huang, James Dunne, Megan Levings, Raewyn Broady
- 9:35 AM**      **MULTIPHOTON FLUORESCENCE IMAGING OF CUTANEOUS MELANINS BY STEPWISE CONTINUOUS WAVE LASER EXCITATION** Yunxian Tian, Zhenguo Wu, Wenbo Wang, Harvey Lui, David I. McLean, Haishan Zeng

## **Speed Poster (9:50 – 10:20 AM)**

Chair: Ms. Ivy Hsu

## Poster Session (10:20 – 11:30 AM)

### Poster Session I (odd #) and Scavenger Hunt (10:20 – 10:55 AM)

- 1 **A REAL-TIME EXCITATION-EMISSION MATRIX FLUORESCENCE SPECTROPHOTOMETER FOR IN VIVO SKIN TISSUE DIAGNOSIS**  
Wenbo Wang, Jianhua Zhao Harvey Lui and Haishan Zeng
  
- 3 **TEN-YEAR REVIEW OF INPATIENT CONSULTATIONS AT ST. PAUL'S HOSPITAL AND PROSPECTIVE CONSULT SERVICE ASSESSMENT: A TWO-PART STUDY.** Jessica Wilford, Richard Crawford and Sheila Au
  
- 5 **TREATMENT OF POSTERIOR CHEEK ENLARGEMENT IN HIV+ PATIENTS WITH BOTULINUM TOXIN A.** Christina Scali, Shannon Humphrey and Alastair Carruthers
  
- 7 **A CONTROLLED STUDY TO DETERMINE TIME TO RESOLUTION OF INFLAMMATORY LESIONS USING AN OVER-THE-COUNTER DEVICE TO SPOT TREAT ACNE VULGARIS USING HEAT** Kristin Noiles, Harvey Lui and Shannon Humphrey
  
- 9 **SERPINA3N ACCELERATES WOUND CLOSURE IN A MOUSE MODEL OF IMPAIRED DIABETIC WOUND HEALING** Ivy Hsu, Hongyan Zhao, Chris R. Bleackley and David J. Granville
  
- 11 **TOPICAL IMMUNOMODULATION FOR THE INDUCTION OF TOLERANCE TO ALLOGENEIC SKIN TRANSPLANTATION** Jacqueline Lai and Jan Dutz
  
- 13 **WAVELENGTH SELECTION FOR PRECISE SKIN TREATMENT BASED ON FEMTOSECOND LASER IRRADIATION** Yimei Huang, Zhenguo Wu, Yunxian Tian, Harvey Lui, David I. McLean and Haishan Zeng
  
- 15 **SYSTEMIC TREATMENT OF SJS/TEN WITH INTRAVENOUS IMMUNOGLOBULIN VERSUS CYCLOSPORINE** Mark Kirchhof, Monica Miliszewski, Sheena Sikora, Anthony Papp and Jan Dutz

- 17 **EVALUATING THE EFFICACY OF MICRONEEDLING IN THE TREATMENT OF ANDROGENETIC ALOPECIA – PILOT STUDY** Jerry Shapiro, Llorenia Muir-Green and Tee Wei Siah
- 19 **ASSESSING AND MODELING SITE-SPECIFIC VARIATION IN CUTANEOUS AUTOFLUORESCENCE THROUGH EXCITATION-EMISSION MATRIX (EEM) SPECTROSCOPY** Jianhua Zhao, Soodabeh Zandi, Haishan Zeng, Sunil Kalia and Harvey Lui
- 21 **eIF4E, AN ADVERSE PROGNOSTIC MARKER OF MELANOMA PATIENT SURVIVAL, INCREASES MELANOMA CELL INVASION** Shahram Khosravi, Gholamreza Safaee Ardekani, Magdalena Martinka and Christopher John Ong
- 23 **A PILOT STUDY TO DETERMINE THE SAFETY AND EFFICACY OF A COMMERCIALY AVAILABLE TARGETED UVB DEVICE (LEVIA) IN THE TREATMENT OF LICHEN PLANOPILARIS** Tee Wei Siah, Llorenia Muir-Green, Ethan Lerner and Jerry Shapiro

**Poster Session II (even #) and Scavenger Hunt (10:55 – 11:30 AM)**

- 2 **ANALYSIS OF THE PREVALENCE OF ALLERGIC CONTACT DERMATITIS TO SUNSCREEN: A COHORT STUDY** Katie Belezny, Gillian de Gannes, Sunil Kalia
- 4 **VERTICAL SECTIONING IMAGING OF IN VIVO HUMAN SKIN AT VIDEO RATE** Zhenguo Wu, Yunxian Tian, Harvey Lui, David McLean and Haishan Zeng
- 6 **EXPOSURE ASSESSMENT FOR SOLAR ULTRAVIOLET RADIATION (UVR) IN OUTDOOR WORKERS** Cheryl Peters, Paul A Demers, Sunil Kalia, Anne-Marie Nicol and Mieke W Koehoorn
- 8 **REAL TIME VISUALIZATION OF MELANIN GRANULES IN HUMAN SKIN IN VIVO USING COMBINED MULTIPHOTON AND REFLECTANCE CONFOCAL MICROSCOPY** Ali Majdzadeh, Anthony M. D. Lee, Hequn Wang, Harvey Lui, David I. McLean, Richard I. Crawford and Haishan Zeng

- 10 **IMPROVED DIFFERENTIATION OF SKIN CONDITIONS BY POLARIZED LASER SPECKLE IMAGING** Himesh Prasad, Lioudmila Tchvialeva and Tim K. Lee
- 12 **IMAGE SEGMENTATION FOR MULTIPHOTON MICROSCOPY AND REFLECTANCE CONFOCAL MICROSCOPY IMAGING OF HUMAN SKIN *IN VIVO*** Guannan Chen, Harvey Lui, David I. McLean and Haishan Zeng
- 14 **PROGNOSTIC SIGNIFICANCE OF LIFR EXPRESSION IN HUMAN MELANOMA AND ITS ROLE IN CELL MIGRATION AND INVASION** Hongwei Guo, Yabin Chen, Magdalena Martinka and Kevin McElwee
- 16 **OPTIMIZING EXTRACTION OF GENOMIC DNA/RNA FROM FORMALIN FIXED PARAFFIN EMBEDDED (FFPE) SKIN BIOPSIES USING COMMERCIALY AVAILABLE ISOLATION KITS** Rayekeh Bahar, Ming-wan Su and Youwen Zhou
- 18 **BLOOD PLASMA SURFACE-ENHANCED RAMAN SPECTROSCOPY FOR NON-INVASIVE OPTICAL DETECTION OF CERVICAL CANCER** Shangyuan Feng, Duo Lin, Rong Chen and Haishan Zeng
- 20 **PERIORIFICIAL DERMATITIS: A REVIEW OF 229 CASES** Diana Lam, Kristin Noiles and Shannon Humphrey
- 22 **ULTRA-HIGH RESOLUTION IMAGING SYSTEM FOR WIDE-AREA SKIN PHOTOGRAPHY: A NOVEL SYSTEM USING GIGAPIXEL TECHNOLOGY FOR MULTI-PURPOSE SKIN SURVEILLANCE** Pegah Kharazmi and Tim K. Lee
- 24 **STEVENS-JOHNSON SYNDROME AND TOXIC EPIDERMAL NECROLYSIS: AN ANALYSIS OF TRIGGERS** Monica Miliszewski, Mark Kirchhof, Sheena Sikora, Anthony Papp and Jan Dutz

## **Oral Presentation II (11:40 AM – 12:50 PM)**

Co-Chairs: Mr. Ali Farrokhi and Dr. Monica Miliszewski

- 11:40 AM**    **THE MOST COMMON CO/CROSS REACTANTS IN P-PHENYLENEDIAMINE ALLERGIC PATIENTS AND THE IMPACT ON AVAILABLE ALTERNATIVE HAIR DYES** Gurbir Dhadwal and Gillian de Gannes
- 11:51 AM**    **ONE-YEAR REVIEW OF THE “SCREEN” (SKIN CANCER POST-TRANSPLANT) CLINIC: WHAT WE HAVE LEARNED** Sarah Baldwin and Sheila Au
- 12:02 PM**    **INVESTIGATION OF HUMAN AUTOANTIGEN EPITOPES IN AUTOIMMUNE HAIR LOSS DISORDER ALOPECIA AREATA** Eddy Wang, Trisia Breitkopf, Noushin Akhoundsadegh, XiaoJie Wang, FengTao Shi, Gigi Leung, Jan P Dutz, Jerry Shapiro and Kevin J McElwee.
- 12:13 PM**    **DART CLINIC REVIEW: EXPERIENCES FROM A COMBINED DERMATOLOGY AND RHEUMATOLOGY CLINIC** Michael Samyca, Collette McCourt, Kam Shojania, Sheila Au
- 12:24 PM**    **THE ROLE OF BIN1 TUMOR SUPPRESSOR ISOFORMS IN REGULATION OF PROLIFERATION, APOPTOSIS AND TUMOR FORMATION OF HUMAN CUTANEOUS T-CELL LYMPHOMA CELLS *IN VITRO* AND *IN VIVO*** Sharmin Esmailzadeh, Youwen Zhou and Xiaoyan Jiang
- 12:35 PM**    **RAPIDLY ABSORBABLE VERSUS NON-ABSORBABLE SUTURES FOR MOHS MICROGRAPHIC SURGERY REPAIR ON THE FACE (RAVNAS): A RANDOMIZED CONTROLLED SPLIT-SCAR STUDY** Benvon Moran, Shannon Humphrey, Alexander Seal and David Zloty

## **Lunch Break (12:50 – 1:40 PM)**

**Paetzold Atrium**

### **Oral Presentation III (1:40 – 2:50 PM)**

Co-Chairs: Ms. Kate MacDonald & Dr. Diana Diao

- 1:40 PM**      **FEASIBILITY OF USING SUNLIGHT EXPOSURE TO OBTAIN THE RECOMMENDED LEVEL OF VITAMIN D IN CANADA** Pavandeep Gill and Sunil Kalia
- 1:51 PM**      **PROGNOSTIC ROLE OF BRAF IN MELANOMA DISEASE PROGRESSION AND PATIENT SURVIVAL: PROTEIN EXPRESSION VS. GENE MUTATION** Gholamreza Safaee Ardekani, Seyed Mehdi Jafarnejad, Shahram Khosravi, Magdalena Martinka, Gang Li and Vincent Duronio
- 2:02 PM**      **PHOTOTHERAPY-INDUCED LICHENOID PAPULES OF VITILIGO**  
Mohammed AlJasser, Harvey Lui and Youwen Zhou
- 2:13 PM**      **IMMUNE MECHANISMS UNDERLYING THE TOLEROGENIC EFFECTS OF INTRAPERITONEAL INJECTION OF SKIN FIBROBLASTS** Mohsen Khosravi-Maharlooei, Sanam Salimi-Elizei, Reza Jalili, Ruhangiz T. Kilani and Aziz Ghahary
- 2:24 PM**      **SEASONAL AND GEOGRAPHIC TRENDS IN TANNING** Bez Toosi and Sunil Kalia
- 2:35 PM**      **THYMOCYTE SELECTION-ASSOCIATED HIGH MOBILITY GROUP BOX PROTEIN (TOX) PROFOUNDLY DISRUPTS CELLULAR PROLIFERATION AND APOPTOSIS IN CUTANEOUS T CELL LYMPHOMA** Yuanshen Huang, Ming-Wan Su, Xiaoyan Jiang and Youwen Zhou

### **Closing Remarks (3:00 PM)**

Announcement of Prizes

#### *Accreditation*

*This event is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada.*