

Opening Remarks (8:30 -8:35 AM)

Dr. Harvey Lui

Oral Presentation I (8:35 - 9:55 AM)

Co-Chairs: Sunil Kalia & Darya Habibi

- 8:35 A.M. Inflammation and Fibrosis on Mohs Levels, What does It Mean?**
Jillian Macdonald, Jason Sneath, Bryce Cowan, David Zloty
- 8:46 A.M. The PTEN/PI3 Kinase Pathway Regulates the Expression Of E- & N-Cadherin in Melanoma via Transcription Factors Twist and Snail.**
Paul Kuzel, Li Hao, Elizabeth Garcia, Sujata Persad
- 8:57 A.M. In vivo Multiphoton Microscopy Instrument for Dermatology.**
Anthony Lee, Hequn Wang, Yingqiu Yu, Jianhua Zhao, Shuo Tang, Harvey Lui, David I. McLean, Haishan Zeng
- 9:08 A.M. Cardiovascular and Mortality Impact of Depression among Individuals with Psoriasis and Psoriatic Arthritis: A Population-Based Study.**
Lindsay Burns, Mary De Vera, Vidula Bhole, Hyon Choi, Jan Dutz
- 9:19 A.M. CXCR3/Ligand Signaling Is Important for Non-Melanoma Skin Cancer Keratinocytes.** Blanche K.K. Lo, Nicole Tai, Li-Hao (Henry) Chen, Youwen Zhou, David Zloty, Bryce Cowan, Jerry Shapiro, Kevin McElwee
- 9:30 A.M. Automated Detection and Analysis of Dermoscopic Structures on Moscopy Images.** Maryam Sadeghi, Tim Lee, David McLean, Harvey Lui, M. Stella Atkins
- 9:41 A.M. High Expression of Impact Protein Promotes Resistance to Indoleamine 2, 3 Dioxygenase-Induced Cell Death.** Darya Habibi, Reza B. Jalili, Farshad Forouzandeh, Christopher Ong, Aziz Ghahary

Coffee Break

(Coffee will be served from 10:00 -11:20A.M.)

The Poster Sessions will also take place during this time.)

Poster Session I and Scavenger Hunt (10:00 -10:40AM)

- 1 Antiphospholipid Antibody Syndrome Triggered by Levamisole-Tainted Cocaine: Case Report and Review of the Literature.** Christina Han, Gayatri Sreenivasan, Jan P. Dutz
- 3 A Novel Defect in Fibrillin-1 Deposition by Dermal Fibroblasts Clinically Presenting as Acquired Cutis Laxa is Reversible with Dexamethasone and Losartan Treatment.** Anna Hinek, Aleksander Hinek, Magdalena Martinka, Jan Dutz
- 5 Intralesional Candida Antigen for Common Warts in People with HIV.** Aaron Wong, Richard Crawford
- 7 Cellulitis: Making the Diagnosis.** Tamryn K. Law, Chris S. Sladden, Brian Kunitomo
- 9 Application of Solid Rough Skin Phantoms for Laser Speckle Device Testing.** Diana Diao, Lioudmila Tchvialeva, Gurbir Dhadwal, Harvey Lui, David I. McLean, Tim K. Lee
- 11 Quantification in Clinical Dermatology.** Patrizia E. Moccia, Richard I. Crawford
- 13 Generalizing Common Skin Imaging Analysis Tasks Using Probabilistic Model.** Paul Wighton, Tim K. Lee, Harvey Lui, David I. McLean, M. Stella Atkins
- 15 The Value of International Electives for Dermatology Residents: an Analysis of Cases Seen During Overseas Electives.** Nisha Mistry, Jessica Wilford, Carrie Kovarik, Wingfield Rehmus
- 17 Integrin beta6-Deficient Mice Show Enhanced Keratinocyte Proliferation and Retarded Hair Follicle Regression.** Yanshuang Xie, Kevin. McElwee, Gethin R. Owen, Lari Häkkinen and Hannu Larjava
- 19 14-3-3 Expression Profile in Human Keratinocytes is Altered by Dermal Fibroblasts.** Matthew Carr, Claudia Chavez-Muñoz, Amy Lai, Aziz Ghahary
- 21 Transcription Factor RBP-J-Mediated Signaling Regulates Epidermis/Hair Fate, which is Essential for Suppressing Basal Cell Carcinoma Formation and Inducing Hair Follicle Formation.** Mei Yu, David Zloty, Robert H. Bell, Anne Haegert, Nicholas Carr, Jerry Shapiro, Bryce Cowan, Larry Warshawski, Kevin McElwee

- 23 **Assessing the Role of Sox4 in Skin Photoaging.** Gholamreza Safaee Ardekani, Gang Li
- 25 **Cooperation of ING Proteins and SWI/SNF Chromatin Remodeling Complex in Repair of UV-Damaged DNA.** Almass-Houd Aguisa-Touré, Ronald P.C. Wong, Gang Li
- 27 **Self-reported Skin Health in HIV Infected Patients.** Serena Siow, Gillian de Gannes
- 29 **Connexin-43 Regulates Key Genes Involved in Scar Formation.** Rana Tarzeman, Guoqiao Jiang, Larjava Hannu, Häkkinen Lari
- 31 **Hyperferritinemia - A Potentially Useful Marker in a Number of Critical Dermatological Conditions Associated with Macrophage Activation Syndrome.** Tatyana Hamilton, Cristian Vela-Kellet, Jan Dutz

Poster Session II and Scavenger Hunt (10:40 -11:20AM)

- 2 **Quantitative Evaluation of Pigmented Skin Lesions Using Near-Infrared Fluorescence Imaging.** Serena Siow, Jianhua Zhao, David McLean, Haishan Zeng, Harvey Lui
- 4 **Expression of Mirna Processing Factor Dicer in Cutaneous Melanoma and its Role in Cell Invasion.** Seyed Mehdi Jafarnejad, Magdalena Martinka, Gang Li
- 6 **Role of Red Blood Cells in Wound Healing.** Amir Akbari, Ruangiz Kilani, Yunyuan Li, Aziz Ghahary
- 8 **Hair Follicle Immune Privilege and the Potential Role of Somatostatin.** Trisia Bretkopf, Blanche KK Lo, Gigi Leung, Mei Yu, Jerry Shapiro, Kevin J McElwee
- 10 **Relationship between Vitiligo Lesional Transcriptome Signatures and Therapeutic Response to Combined Narrow Band Phototherapy and Topical Tacrolimus Therapy.** Shenquan Zhang, Richard Yu, Yuanshen Huang, Mingwan Su, Harvey Lui, Xuejun Zhang, Youwen Zhou
- 12 **Reduced Tip60 Expression as a Predictive Biomarker for Advanced Melanoma and Patient Outcome.** Guangdi Chen, Yabin Cheng, Zhizhong Zhang, Magdalena Martinka, Gang Li

- 14 **Asymmetric Depth of BoNT-A Injection in the Glabella.** Jason Sneath, Shannon Humphrey, Alastair Carruthers, Jean Carruthers
- 16 **Reduced Expression of the Tumor Suppressor FBW7 in Human Melanoma.** Yabin Cheng, Magdalena Martinka, Gang Li
- 18 **Effect of Loss of nf1 on Pigmentation.** Mugdha A. Deo, Helmut Fuchs, Martin Hrabé de Angelis, Gregory S. Barsh, Catherine Van Raamsdonk
- 20 **Hirsutism Clinical Presentation, Pathogenesis, and Treatment Approaches.** Ayman Al-Harbi, Othman Abahussein, Kevin J. McElwee, Jerry Shapiro
- 22 **Granulomatous Cicatricial Alopecias.** Othman Abahussein, Ayman Al-Harbi, Jerry Shapiro
- 24 **Transcriptome Analyses Reveal Heightened Natural Killer Cell Activity in the Lesional and Peri-Lesional Skin of Generalized Vitiligo.** Richard Yu, Raewyn Broady, Min Gao, Shenquan Zhang, Jan Dutz, Megan Levings, Yunqin Yen, Shencai Wei, Yanhua Liang, Mingwan Su, Aie Xu, Harvey Lui, Xuejun Zhang, Youwen Zhou
- 26 **POAMS: Post Operative Anxiety in Mohs Surgery. Effect of Anxiety on Patient Satisfaction with the Post-Operative Outcomes of Mohs Micrographic Surgery.** Iren Kossintseva, David Zloty
- 28 **Utilization and Administration of UVA-1phototherapy in the VGH Psoriasis and Phototherapy Clinic.** Judith Gerbrandt, Sunil Kalia, Jennifer Howe, Kurt Pachal, Elaine Stebbing, Martina Slezkova, Martin Tsai, Helena Yang, Soodabeh Zandi, Harvey Lui
- 30 **siRNA Knockdown of Aminopeptidase N/CD13 Alters ECM Gene Expression in Dermal Fibroblasts.** Amy Lai Abdi Ghaffari, Yunyuang. Li, Aziz Ghahary
- 32 **The Role of Small Leucine-Rich Proteoglycans in Wound Healing.** Wesley Mah, Guoqiao Jiang , Hannu Larjava, Lari Häkkinen

Oral Presentation II (11:20 AM -12:40PM)

Co-Chairs: Youwen Zhou & Christina Han

- 11:20 A.M.** **Role of EIF5A2 in Human Melanoma Cell Migration, Invasion and Patient Survival.** Shahram Khosravi, Gang Li
- 11:31 A.M.** **Differentiate Squamous Cell Carcinoma Cell and Melanoma Cell from HaCaT Cell and Melanocyte Using Micro-Raman Spectroscopy Guided with Confocal Imaging.** Hequn Wang, Tsung-Han Tsai, Jianhua Zhao, Anthony Lee, Blanche Ka Ki Lo, Mei Yu, Harvey Lui, David I. McLean, Haishan Zeng
- 11:42 A.M.** **UVA1 Therapy of Morphea—the Vancouver Experience.** Soodabeh Zandi, Martin Tsa, Sunil Kalia, Jan Dutz, Harvey Lui
- 11:53 A.M.** **Alopecia Areata Development may Induce Abnormal Heart Physiology.** Eddy H.C. Wang, Katy Chong, David Granville, Jerry Shapiro, Kevin McElwee
- 12:04 A.M.** **Clinical Heterogeneity of Primary Focal Hyperhidrosis.** Yuanshen Huang, Yin Yao, Christina Scali, Christina Han, Ming-wan Su and Youwen Zhou
- 12:15 P.M.** **Evaluation of an *in-situ* Gelling Matrix to Serve as a Patient-Ready Skin Substitute in the Treatment of Diabetic Wounds.** Ryan Hartwell, Victor Leung, Reza B. Jalili, Claudia Chavez-Munoz, Azadeh Hosseini-Tabatabaei, Frank Ko, Aziz Ghahary
- 12:26 P.M.** **Physician Factors and their Influence on Biopsying Atypical Pigmented Lesions.** Tamryn K. Law, Chris S. Sladden, Richard I. Crawford

Lunch (12:40 -1:30 PM) in Diamond Centre Atrium

Oral Presentation III (1:30 -3:00PM)

Co-Chairs: Neil Kitson & Trisia Breitkopf

- 1:30 P.M. Vaccination via the Skin Provides Acute Protection Against both Bacterial and Viral Infections.** Wing Ki Cheng, Katheleen Wee, Adam Plumb, Tobias R. Kollmann, Ninan Abraham and Jan P Dutz
- 1:41 P.M. Differential Polarisation Properties of Melanoma versus Benign Pigmented Lesions.** Gurbir Dhadwal, Lioudmila Tchvialeva, Harvey Lui, David I. McLean, Tim K. Lee
- 1:52 P.M. Investigating Methotrexate Use amongst Dermatologists and Rheumatologists in Canada.** Elaine Dupuis, Dr. Jan P. Dutz
- 2:03 P.M. Granzyme B Contributes to Extracellular Matrix Remodeling and Skin Aging in Apolipoprotein E Knockout Mice.** Paul R. Hiebert Wendy A. Boivin, Thomas Abraham., Sara Pazooki, Hongyan Zhao, David J. Granville
- 2:14 P.M. Trends in Sunburn Rates at a National Level.** Sunil Kalia, Harvey Lui
- 2:25 P.M. ING1B Maintains Genomic stability upon Replication Stress.** Ronald P.C. Wong, Hanyang Lin, Shahram. Khosravi, Brad Piche, Seyed Mehdi Jafarnejad, David W.C. Chen, Gang Li
- 2:36 P.M. Repigmentation of Vitiligo-Associated Leukotrichia after Autologous, Noncultured Melanocyte-Keratinocyte Transplantation.** Mohammed Al Jasser, Sanjeev V. Mulekar, Ahmed Al Issa, Bassel Ghwish
- 2:47P.M. Is Border Irregularity Useful for Melanoma Diagnosis?** Sina KhakAbiMamaghani, Tim K. Lee, David McLean, Harvey Lui, M. Stella Atkins
- 3:00 P.M. Scavenger Hunt Prize**

Accreditation

This event is approved as an Accredited Group Learning Activity as defined by the Maintenance of Certification program. Section 1 of The Royal College of Physicians and Surgeons of Canada.