

**Opening Remarks (8:30am-8:35am)**

Dr. Harvey Lui

**Oral Presentation I (8:35am-9:59am)**

Co-Chairs: Jerry Shapiro & Chris Sladden

- 8:35am**      **Toll-Like Receptor 9 Involvement in Skin Wound Repair.** Alan Hoi Lun Yau, Wing Ki Cheng, Jan P. Dutz.
- 8:47am**      **A Protective Protein Makes Primary Skin Cells Resistant to the Apoptotic Effects of IDO.** Darya Habibi, Reza B. Jalili, Farshad Forouzandeh, Christopher Ong, Aziz Ghahary.
- 8:59am**      **Calibrating an Inexpensive Skin Lesion Imaging System.** Paul Wighton, Tim K. Lee, David McLean, Harvey Lui, M. Stella Atkins.
- 9:11am**      **A Systematic Review of Adverse Cutaneous Reactions Resulting from the Use of Ribavirin and Interferon.** Jonathan Shapero, Nisha Mistry, Richard Crawford.
- 9:23am**      **Tumor Suppressor ING1b Maintains Genomic Stability Upon UV-Induced Replication Stress.** Ronald PC Wong, Leon H. Lin, David W. Chen, Gang Li.
- 9:35am**      **CXCR3 / Ligands Promote Basal Cell Carcinoma Cell Proliferation.** Blanche K.K. Lo, Mei Yu, David Zloty, Bryce Cowan, Jerry Shapiro, Kevin J. McElwee.
- 9:47am**      **Back Atlas for Tracking Pigmented Skin Lesions.** Hengameh Mirzaalian, Ghassan Hamarneh, Tim K. Lee.

*Coffee Break*

*(Coffee will be served from 10:00am-11:00am.*

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

**Poster Session I (10:05am-10:35am)**

Co-Chairs: Neil Kitson & Jun Li

- 1 Prognostic Significance of Nuclear SOX4 Expression in Cutaneous Melanoma and its Role in Cell Migration.** Seyed Mehdi Jafarnejad, Aijaz Ahmed Wani, Magdalena Martinka, Gang Li.
- 3 Using Nail Cortisol to Measure Accumulated Stress Hormones in Male and Female Students.** Fay Warnock, Kevin J. McElwee, Sean McIsaac, Danielle Seim, Rubo Jiwon Seo, Tatiana Ramirez-Aponte, Karine A.N. Macritchie, Allan H. Young.
- 5 Saying “No” to Chronic Wounds: A Clinical Trial on the Reduction of Bacteria (Including MRSA) in MRSA Positive Wounds.** Anna Hinek, Brian Kunimoto, Chris Miller.
- 7 Deficiency in Nucleotide Excision Repair (NER) Family Gene Activity is Associated with Non-Pigmented Hair Fiber Growth.** Mei Yu, Man Ki Maggie Ho, Jerry Shapiro, Kevin J. McElwee.
- 9 Over Expression of Sezary Specific Genes in Mycosis Fungoides Skin Biopsies.** Yaohua Zhang, Yang Wang, Mingwan Su, Jinhua Xu, Zhizhong Zheng, Youwen Zhou.
- 11 Multiple Biomarkers and Outcomes in Human Melanoma: A Clinicopathologic Study of 150 Cases.** Zhizhong Zhang, Jun Li, Gang Li.
- 13 Raman Microspectroscopy System and its Biomedical Application.** Shuang Wang, Jianhua Zhao, Harvey Lui, Qingli He, Haishan Zeng.
- 15 An Assessment of Undergraduate Dermatology Performance at the University of British Columbia.** Aaron Wong, Patrizia Moccia, Jerry Shapiro, Harvey Lui.
- 17 Immune Privilege in Hair Follicles.** Trisia Breitkopf, Blanche KK Lo, Mei Yu, Kevin J. McElwee.

- 19 **Establishment of an *In Vitro* Skin Fibrotic Model using Silica Gel Beads.** Yunyuan Li, Ruhangiz T. Kilani, Ryan Hartwell, Aziz Ghahary.
- 21 **CUL1 Expression is Increased in Early Stages of Human Melanoma.** Guangdi Chen, Yabin Cheng, Magdalena Martinka, Gang Li.
- 23 **Bullous Pemphigoid Associated with Acquired Hemophilia A: A Case Report.** Mohammed AlJasser, Chris Sladden, Sheila Au.
- 25 **Integrin-Linked Kinase (ILK) Promotes Melanoma Angiogenesis by Activating IL-6 Signaling Pathway.** Aijaz A. Wani, Gang Li.
- 27 **Development of Alopecia Areata may be Associated with Heart Disease.** Eddy Wang, Mei Yu, Jerry Shapiro, David Granville, Kevin J. McElwee.
- 29 **Effect of Finasteride on Female Pattern Hair Loss.** Lisa JY Chan, Assaf Monselise, Abdullah Alkhalifah, Nina Otberg, Isabel Restrepo, Kevin J. McElwee, Jerry Shapiro.

**Poster Session II (10:35am-11:05am)**

Co-Chairs: Kevin McElwee & Marco Garate

- 2 **Prognostic Significance of BRMS1 Expression in Human Melanoma.** Yabin Cheng, Jun Li, Daven Tai, Magdalena Martinka, Gang Li.
- 4 **Cutaneous Secondary Oxalosis.** Aaron Wong, Shannon Humphrey, Jan P. Dutz.
- 6 **Loss of Integrin  $\alpha$ V $\beta$ 6 Causes Enhanced Keratinocyte Proliferation and Retarded Hair Follicle Regression *in Vivo*.** Yanshuang Xie, Kevin J. McElwee, Lari Häkkinen, Hannu Larjava.
- 8 **The Use of Novel Hollow Microneedles for Transcutaneous Delivery of Vaccines to the Skin.** Jacqueline C.Y. Lai, Boris Stoeber, Jan P. Dutz.

- 10 **Basal Cell Carcinomas Express Functional Indoleamine 2,3-Dioxygenase (IDO) Which May Confer Immunoprotection.** Blanche K.K. Lo, Reza B. Jalili, David Zloty, Aziz Ghahary, Bryce Cowan, Jerry Shapiro, Kevin J. McElwee.
- 12 **A Suppressive Role of Inhibitor of Growth 3 (ING3) in Melanoma Cell Migration.** Bo Wang, Guangdi Chen, Gang Li.
- 14 **Confocal Raman Spectroscopy of Cultured Cell Model Reveals Spectral Biomarkers.** Tsung-Hua Martin Tsai, Hequn Wang, David I. McLean, Haishan Zeng, Jianhua Zhao, Blanche K.K. Lo, Kevin J. McElwee, Harvey Lui.
- 16 **Investigation on the Effects of HPA Hormones in the Onset and Progression of Alopecia Areata.** Bin Zhang, Mei Yu, Xingqi Zhang, Kevin J. McElwee.
- 18 **Topical Sodium Thiosulfate: An Effective Treatment for Chronic Leg Ulcers Complicated by Dystrophic Calcification.** Christina Han, Brian Kunimoto.
- 20 **Keratinocyte Regulation of Aminopeptidase N/CD13 Expression in Fibroblasts.** Amy Lai, Abdi Ghaffari, Yunyuan Li, Aziz Ghahary.
- 22 **Emu Oil has an Effect on Growth Rates of Keratinocytes *In Vitro*.** Sam Ma, Darin C. Bennett, Kim Cheng, Blanche K.K. Lo, Jerry Shapiro, Kevin J. McElwee.
- 24 **A Novel Method for Detection and Classification of Pigment Network in Dermoscopic Images.** Maryam Sadeghi, Tim K. Lee, M. Stella Atkins.
- 26 **Fabrication of Durable Silicone Skin Phantoms for Laser Speckle Technology.** Diana Diao, Lioudmila Tchvialeva, Hequn Wang, Gurbir Dhadwal, Harvey Lui, David I. McLean, Tim K. Lee.
- 28 **Two Unusual Cases of Alopecia Mucinosa.** Assaf Monselise, Jerry Shapiro.
- 30 **Juxtatumoral Plasma Cells as a Histologic Clue to Squamous Cell Carcinoma in Mohs Micrographic Surgery.** Keith Duffy, Bryce Cowan, Magdalena Martinka, David Zloty.

**Oral Presentation II (11:05am-12:29pm)**  
Co-Chairs: Youwen Zhou & Wing-Ki Cheng

- 11:05am**      **NQO1 Induces the Proliferation of Melanoma Cells.** Marco Garate,  
Aijaz Wani, Gang Li.
- 11:17am**      **Fluorescence Excitation-Emission Matrix (EEM) Spectroscopy for Skin  
Autofluorescence Characterization.** Jianhua Zhao, Florina Feng, Martin  
Tsai, Haishan Zeng, David I. McLean, Harvey Lui.
- 11:29am**      **Keratinocyte-Releasable Factor Increases Expression of MMP-2, MMP-  
3 and Induces Expression of Colony Stimulating Factor- 3 in  
Fibroblasts.** Alireza Moeen Rezakhanlou, Min Li, Lila Nabai, Aziz  
Ghahary.
- 11:41am**      **The Moon Children of Kuna Yala: Albinism in San Blas Islands of  
Panama. Review, Directions in Research and Aid.** Iren Kossintseva, Jan  
P. Dutz.
- 11:53am**      **BRG1 Expression is Increased in Human Cutaneous Melanoma.** Leon  
Hanyang Lin, Ronald Pak Cheung Wong, Michal Martinka, Magdalena  
Martinka, Gang Li.
- 12:05pm**      **Characterization of PLP1 Expressing Cells in Human Skin.** Richard Yu,  
Youwen Zhou.
- 12:17pm**      **With a Clinical Suspicion of Melanoma, does the Type of Biopsy  
Impact the Efficient Use of Resources and Ability of the Pathologist to  
Provide the Pertinent Information for Appropriate Management of the  
Patient?** Chris Sladden, Richard I. Crawford.

*Lunch (12:30pm-1:20pm) in Diamond Centre Atrium*

**Oral Presentation III (1:20pm-2:56pm)**  
Co-Chairs: Brian Kunimoto & Anna Hinek

- 1:20pm**      **Role of Tumor Suppressor ING4 in Human Melanoma.** Jun Li, Gang Li.
- 1:32pm**      **Topical Application of Stratifin-Emulgel Reduces Hypertrophic Scarring in Rabbit Ear Fibrotic Model.** Elham Rahmani-N, Reza Jalili, Aziz Ghahary.
- 1:44pm**      **Quantitative Discrimination of Pigmented Skin Lesions using Near-Infrared (NIR) Fluorescence Imaging.** Serena Siow, Shuang Wang, Jianhua Zhao, Haishan Zeng, David I. McLean, Harvey Lui.
- 1:56pm**      **Hyperlipidemia Accelerates Skin Aging and Disease in Apolipoprotein E Knockout Mice.** Paul R. Hiebert, Thomas Abraham, Sara Pazooki, Wendy A. Boivin, Hongyan Zhao, David J. Granville.
- 2:08pm**      ***Cryptococcus gattii* Outbreak in BC: In Vitro Susceptibility Testing to Eight Antifungal Drugs.** Nisha Mistry, Kennard Tan, Sultana Mithani, Jeff Fuller, Mohammad Shokravi, Linda Hoang.
- 2:20m**        **Looking into the Skin with *In Vivo* Micro-Raman Spectroscopy and Reflectance Confocal Imaging.** Hegun Wang, Naiyan Huang, Jianhua Zhao, Harvey Lui, Mladen Korbelik, Haishan Zeng.
- 2:32pm**      **Toll-Like Receptor 9 Expression on Hematopoietic-Derived Cells is Required for the Adjuvant Effect of Topical CPG Adjuvant Upon Subcutaneous or Intramuscular Protein Vaccine Administration.** Wing ki Cheng, Jan P. Dutz.
- 2:44pm**      **Melanoma Inflammatory Response Genotyping (MIRG).** Iren Kossintseva, Michael Smylie, Phil Halloran, Michael Mengel, Kelly Dabbs.

**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.