

Opening Remarks (8:30 – 8:35 AM)

Dr. Harvey Lui

Oral Presentation I (8:35 – 9:45 AM)

Co-Chairs: Brian Kunimoto & Medhi Jafarnejad

- 8:35 AM** **Sterile Vs Clean Gloves in Mohs Surgery Reconstruction: A Large Retrospective Analysis.** Morgan Hott and David Zloty
- 8:46 AM** **EIF5A2, a Downstream Target of PI3K/AKT Pathway, is an Adverse Prognostic Marker of Melanoma Patient Survival by Increasing Cell Invasion.** Shahram Khosravi, Ronald P.C. Wong, Magdalena Martinka, and Gang Li
- 8:57 AM** **Towards Optical Biopsies with Multiphoton Microscopy.** Anthony Lee, Hequn Wang, Zack Frehlick, Harvey Lui, Shuo Tang, David I. McLean, and Haishan Zeng
- 9:08 AM** **Genomic Expression Profile of Erythematotelangiectatic Rosacea.** Katie Beleznav, Ming-Wan Su, Bryce Cowan, and Youwen Zhou
- 9:19 AM** **Measurement of Skin Roughness *in vivo* Using Laser Speckle.** Gurbir Dhadwal, Diana Diao, Bernadette Ortiz-Policarpio, Harvey Lui, Liuodmila Tchvialeva, David McLean, and Tim Lee
- 9:30 AM** **Stepwise Fluorescence Spectroscopy for Cutaneous Melanin Detection and Evaluation.** Yunxian Tian, Jianhua Zhao, Harvey Lui, and Haishan Zeng

Speed Poster (9:45 – 10:15 AM)

Chair: Ryan Hartwell

Coffee Break (10:15 – 11:30 AM)

Poster Sessions will also take place during this time

Poster Session I and Scavenger Hunt (10:15 – 10:50 AM)

- 1 **Experience with Ustekinumab in the Setting of ANA+ Patients with Psoriasis.** Othman Abahusseini and Jan Peter Dutz
- 3 **Cooperation between ING1b and P53 in UV-damaged DNA Recognition.** Jing Lu, Guohong Zhang, Ronald P.C Wong, and Gang Li
- 5 **Prevention and Treatment of Alopecia Areata via Re-establishing Immune Privilege.** Xiaojie Wang, Mei Yu, Gigi Leung, Trisia Breitkopf, Garth Warnock, Jerry Shapiro, and Kevin McElwee
- 7 **Regulation of NF-KB Pathway by Transcription Factor Sox4 in UVB-Induced Skin Photoaging.** Gholamreza Safaee Ardekani, Seyed Mehdi Jafarnejad, and Gang Li
- 9 **Quantification in Dermatology with Clinical Images.** Patrizia Moccia, Tim Lee, Harvey Lui, and Richard Crawford
- 11 **Investigation of ADAM10 Mutations in Melanoma.** Catherine van Raamsdonk, Grace Tharmarajah, Laura Faas, Karina Reiss, Tatyana Hamilton, Paul Saftig, Magdalena Martinka, Antony Young, and Catherine D. Van Raamsdonk
- 13 **ING1B Regulates Claspin at Transcriptional Level.** Teshager Bitew and Gang Li
- 15 **Low-Dose Methotrexate Decreases Collagen and Increases MMP-1 Expression by Fibroblast *in vitro*.** Layla Nabai, Farzian Aminuddin, Ruhangiz Kilani, and Aziz Ghahary
- 17 **Development and Application of Nanofiber Releasing Anti-Fibrogenic Factors for Treatment of Dermal Fibrosis.** Malie-Sadat Poormasjedi-Meibod, Ryan Hartwell, and Aziz Ghahary
- 19 **Retrospective Review of Folliculitis Decalvans in 21 Patients with Course and Treatment Analysis of Long Standing Cases.** Kristine S. Bunagan and Jerry Shapiro
- 21 **Screening for Autoantigen Epitope Targets in Alopecia Areata.** Eddy Wang, Jan Dutz, Jerry Shapiro, and Kevin McElwee

- 23 **Prognostic Significance of KAI1/CD82 in Human Melanoma and its Role in Cell Migration and Angiogenesis.** Philip Tang, Magdalena Martinka, and Gang Li
- 25 **DNA Replication Checkpoint Regulates ING1B in Genome Stability upon Replication Stress.** Ronald Wong, Anand Rotte, Teshager Bitew, Shahram Khosravi, Seyed Mehdi Jafarnejad, Yabin Cheng, Philip Tang, Alan Yip, Gang Li
- 27 **Nuclear Localization of ING3 and its Role in Melanoma Cell Migration and Invasion.** Madhuri Bhandaru, Guangdi Chen, and Gang Li
- 29 **A Single Centre Controlled Comparison Study to Evaluate the Safety of Lidocaine 30% in Plasticized Base Used as Local Anaesthesia for Intense Pulsed Light Treatments.** Jason Sneath, Shannon Humphrey, Alastair Carruthers, and Jean Carruthers
- 31 **Assessing Patient Adherence on Phototherapy.** Bez Toosi, Harvey Lui, Arezoo Astanehe, Jerry Shapiro, Youwen Zhou, David McLean and Sunil Kalia

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

- 2 **Sox4 Mediated Dicer Expression is Critical for Suppression of Melanoma Cell Invasion.** Seyed Mehdi Jafarnejad, Gholamreza Safaee Ardekani, Maziar Ghafari, Magdalena Martinka, and Gang Li
- 4 **Sunburns and Sunscreen Usage Trends in Canada.** Christina Han, Harvey Lui, and Sunil Kalia
- 6 **MMP2 Expression is a Prognostic Marker for Primary Melanoma Patients.** Anand Rotte, Magdalena Martinka, and Gang Li
- 8 **Skinsafe: A Report of the Early Success of a Province-Wide Sun Safety and Skin Cancer Education Campaign.** Marius Laurentiu Haiducu, Bahman Sotoodian, and David I. McLean
- 10 **Usefulness of a 2 mm Punch Biopsy in the Diagnosis of Different Skin Diseases: A Prospective Study.** Mohammed Al Jasser, Magdalena Martinka, and Nigel Ball

- 12 **Role of Fibroblast Phenotype and Pericellular Matrix in Wound Healing.** Wesley Mah, Guoqiao Jiang, Godwin Cheung, Hannu Larjava, and Lari Häkkinen
- 14 **Notch- RBP-J-Mediated Signaling is Involved in Basal Cell Carcinoma Growth.** Mei Yu, David Zloty, Robert H. Bell, Anne Haegert, Nicholas Carr, Jerry Shapiro, and Kevin J. McElwee
- 16 **Connexins Regulate Fibroblast Gene Expression.** Rana Tarzeman, Guoqiao Jiang, Hannu Larjava, and Lari Häkkinen
- 18 **JWA Regulates Melanoma Angiogenesis via ILK/NF- κ B/STAT3/VEGF Signaling Pathway.** Guohong Zhang, Jing Lu, and Gang Li
- 20 **The Role Of Tumor Suppressor BIN1 in Regulating Proliferation and Apoptosis of Human Cutaneous T-Cell Lymphoma Cells.** Sharmin Esmailzadeh, Helena Wang, and Xiaoyan Jiang
- 22 **Extracutaneous Melanomas and the Risk of a Second Primary Melanocytic Malignancy in the Canadian Population.** Anna Hinek and Sunil Kalia
- 24 **Osteoma Cutis Secondary to Acne Vulgaris; Case Series, Literature Review and Treatment Guidelines.** Irèn Kossintseva, Marko Yurkovich, Alastair Carruthers, and Shannon Humphrey
- 26 **Pubic Hair Removal: Study of Adverse Events and Disease Transmission.** Mark G. Kirchhof, Sheila Au, Clifford N. Kitson, and Richard T. Lester
- 28 **Analysis of the Potential for Skin-localized Tregs to Transdifferentiate into Cytokine Producing Cells.** Katherine MacDonald, Jessica Huang, James Dunne, Megan Levings, and Raewyn Broady
- 30 **Assessment of Sun Exposure and Correlation with Other Cancer Risk Behaviours and Serum Vitamin D Levels.** Kateryna Vostretsova, Harvey Lui, Tim Lee, David McLean, and Sunil Kalia
- 32 **Prevalences of Physician-Diagnosed Depression and Related Mood Disorders among Patients with Psoriatic Arthritis: A Population-Based Study.** Lindsay Burns, Hyon Choi, Mary De Vera, Mushfiqur Rahman, and Jan P Dutz

Oral Presentation II (11:30 AM – 12:50 PM)

Co-Chairs: Haishan Zeng & Anna Hinek

- 11:30 AM** **Use of a Hydrogel-Collagen Composite, IDO Expressing Matrix Improves Acute Wound Healing in a Rat Model.** Ryan Hartwell, Victor Leung, Azadeh Hosseini-Tabatabaei, Terry-Anne Curran Frank Ko, and Aziz Ghahary
- 11:41 AM** **Real-Time Raman Spectroscopy for *in vivo* Evaluation of Skin Cancers.** Jianhua Zhao, Haishan Zeng, David I. McLean and Harvey Lui
- 11:52 AM** **Somatostatin Expression in Hair Follicle Outer Root Sheaths May Contribute to Immune Privilege.** Trisia Breilkopf, Blanche KK Lo, Gigi Leung, Mei Yu, Jerry Shapiro, and Kevin J McElwee
- 12:03 PM** **Subcutaneous Protein Antigen with Epicutaneous Toll-Like Receptor 9 Agonist Induces Protective Immune Responses against Influenza a Viral Infection.** Wing Ki Cheng, Adam W. Plumb, Ninan Abraham, and Jan P. Dutz
- 12:14 PM** **An Expanded Series of Screening Allergens in Addition to Supplemental Allergen Testing Improves Detection of Occupational Allergic Contact Dermatitis.** Aaron Wong, Sayali Tadwalkar, and Gillian de Gannes
- 12:25 PM** **Prognostic Significance of FBW7 in Human Melanoma and its Role in Cell Migration.** Yabin Cheng, Guangdi Chen, Magdalena Martinka, and Gang Li
- 12:36 PM** **Frontal Fibrosing Alopecia – A Retrospective Clinical Study of 62 Patients with Treatment Outcome and Long Term Follow-Up.** Nusrat Banka, Kevin McElwee, and Jerry Shapiro

Lunch Break (12:50 – 1:35 PM)

Diamond Centre Atrium

Oral Presentation III (1:35 – 3:05 PM)

Co-Chairs: Jan Dutz & Aaron Wong

- 1:35 PM** **Novel Biomarkers for Cutaneous T Cell Lymphoma.** Yuanshen Huang, Yang Wang, Richard Yu, Magda Martinka, Jan Dutz, Ming-wan Su, and Youwen Zhou
- 1:46 PM** **Recovering Intrinsic Skin Reflectance under Arbitrary Illumination from Dermoscopy Images.** Maryam Sadeghi, Tim K. Lee, David McLean, Harvey Lui, and Stella Atkins
- 1:57 PM** **Prevalence of Exposure to Solar Ultraviolet Radiation (UVR) on the Job in Canada.** Cheryl Peters, Anne-Marie Nicol, and Paul A. Demers.
- 2:08 PM** **Two-Photon Absorption for Highly Targeted Skin Evaluation and Phototherapy: A Pilot Study on ex vivo Mouse Skin.** Hequn (Tracy) Wang, Soodabeh Zandi, Jianhua Zhao, Anthony M.D. Lee, Harvey Lui, David I. McLean, and Haishan Zeng
- 2:19 PM** **Impaired Wound Healing In Apolipoprotein E Deficient Mice.** Paul R. Hiebert and David J. Granville
- 2:30 PM** **Combining Microparticulate-Encapsulated Antigen with Topical CpG Adjuvant as a Single-Injection Immunization Strategy.** Jacqueline Lai, Tullio Esposito, Urs Hafeli, and Jan Dutz
- 2:41 PM** **Skin Cancer Detection Based on Polarization Mapping of Speckle Images – An in vivo Noninvasive Technique.** Bahman Sotoodian, Lioudmila Tchvialeva, Sunil Kalia, Gurbir Dhadwal, and Haishan Zeng; Harvey Lui, David I. McLean, and Tim K. Lee
- 2:52PM** **Prospective Quantitative Documentation of Pre and Post-operative Anxiety in Mohs Micrographic Surgery: Practical Counseling Implications.** Iren Kossintseva and David Zloty

Closing Remarks (3:05 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.