

Opening Remarks (8:30 – 8:40 AM)

Dr. Jan Dutz

Oral Presentation I (8:40 – 9:40 AM)

Co-Chairs: Dr. Matthew Roberts & Mr. Thomas Zhang

- 8:40 AM** **ADJUVANT USE OF A LONG-PULSED 1064 NANOMETER LASER FOR THE MANAGEMENT OF REFRACTORY LATE-ONSET NODULES RELATED TO POLYMETHYLMETHACRYLATE FILLERS**
Jason Rivers, Naomi Labonté-Truong, Vincent Richer
- 8:50 AM** **GRANZYME K CLEAVES PROTEASE-ACTIVATED RECEPTOR-2 AND INDUCES PRURITUS (ITCH)**
Sho Hiroyasu, Matthew R. Zeglinski, Christopher T. Turner, Hongyan Zhao, and David J. Granville
- 9:00 AM** **CLINICAL RECOGNITION OF MERKEL CELL CARCINOMA BY DERMATOLOGISTS AND NON-DERMATOLOGISTS**
Angela Burleigh, Richard I. Crawford
- 9:10 AM** **3D TOMOGRAPHIC IMAGING OF HUMAN SKIN *IN VIVO* AT SUBCELLULAR RESOLUTION WITH EXTENDED FIELD OF VIEW**
Zhenguo Wu, Yunxian Tian, Jianhua Zhao, Yimei Huang, Harvey Lui, Sunil Kalia, Haishan Zeng
- 9:20 AM** **INCIDENCE AND PROFILE OF SKIN CANCER IN PATIENTS TREATED WITH ULTRAVIOLET-B PHOTOTHERAPY**
Elle Wang, Yi Ariel Liu, Tim K. Lee, Richard I. Crawford, Harvey Lui, Sunil Kalia
- 9:30 AM** **AUTOMATED 3D DELINEATION OF THE DERMAL-EPIDERMAL JUNCTION ZONE USING *IN VIVO* MULTI-MODALITY MICROSCOPY OF HUMAN SKIN**
Giselle (Yunxian) Tian, Zhenguo Wu, Harvey Lui, Jianhua Zhao, Sunil Kalia, Haishan Zeng

Speed Poster (9:50 – 10:10 AM)

Chair: Dr. Ian Wong

Poster Session & Scavenger Hunt (10:10 – 11:00 AM)

- 1. A SPLIT-FACE RANDOMIZED CONTROLLED TRIAL TO ASSESS THE EFFICACY OF LOW LEVEL RED LIGHT THERAPY FOR PIGMENTARY DISORDERS**
Tashmeeta Ahad, Harvey Lui, Tim Lee, Jianhua Zhao, Haishan Zeng, Sunil Kalia
- 2. *IN SITU* GENE EDITING FOR CORRECTION OF AUTOSOMAL RECESSIVE CONGENITAL ICHTHYOSIS (ARCI)**
Michael R. Copley, Wingfield Rehmus, Jan P. Dutz, Vincent Richer, Jason Rivers and Sarah Hedtrich
- 3. CONTACT DERMATITIS CLINIC AT ST. PAUL'S HOSPITAL PATCH TEST RESULTS FROM 2016-2019**
Lisa Flegel, Gillian de Gannes
- 4. SKIN CANCER RISK PREDICTION MODEL DEVELOPMENT**
Jenny Lee, Tashmeeta Ahad, Jianhua Zhao, Harvey Lui, Tim Lee, Haishan Zeng, Sunil Kalia
- 5. HOW MUCH TOPICAL SUBSTANCE IS REQUIRED TO COVER THE BODY? A LITERATURE REVIEW FOR THE GUIDANCE OF TOPICAL STEROID DOSING DURING ACUTE SKIN INFLAMMATION**
David Jung, Neil Kitson
- 6. SKIN CANCER DETECTION THROUGH DEEP LEARNING SPECKLE**
Daniel C. Louie, Yuheng Wang, Lioudmilla Tchvialeva, Jiayue Cai, Z. Jane Wang, Harvey Lui, Tim K. Lee
- 7. COSMETIC RESULT AND VIABILITY OF RIGHT ANGLE PARAMEDIAN INTERPOLATED FOREHEAD FLAPS (COVIRAFF)**
Alexandre Laroche, David Zloty
- 8. DERMATOLOGY-SPECIFIC DATA AUGMENTATION TECHNIQUES FOR IMPROVING DEEP LEARNING CLASSIFICATION OF SKIN CANCERS**
Marie O'Connor, Scott Chin

9. QUANTIFICATION OF ERYTHEMA ASSOCIATED WITH CONTINUOUS NYLON, IRRADIATED POLYGLACTIN-910, AND FAST ABSORBING GUT SUTURES IN FACIAL SURGERY REPAIR: A RANDOMIZED PROSPECTIVE STUDY

Ali MajdZadeh, Catherine Lim, David Zloty

10. PRELIMINARY RESULTS FROM THE HIDRADENITIS SUPPURATIVA PATIENT EXPERIENCE (HSPE) SURVEY

Ilya Mukovozov, Jennifer Pereira, Rachael Manion, Stephanie Carter, Raed Alhusayen

11. UBC RURAL AND REMOTE DERMATOLOGY AND WELTEL- A SECURE TEXT MESSAGE PLATFORM TO SUPPORT OUR PROJECT

Nathan Teegee, Gabriel Serafini, Rich Lester, Neil Kitson

12. TOPICAL CRISABOROLE VERSUS SUPERPOTENT TOPICAL CORTICOSTEROIDS IN THE TREATMENT OF PEDIATRIC ALOPECIA AREATA: A PILOT STUDY

Jamie Phillips, James N. Bergman

13. IS ATOPIC DERMATITIS ASSOCIATED WITH FOOD ALLERGY IN ADULTS?

Sunil Kalia, Aryan Riahi

14. UTILIZING A NURSE PRACTITIONER TO INCREASE EFFICIENCY AND IMPROVE RESOURCE ALLOCATION IN PEDIATRIC DERMATOLOGY

Matthew Roberts, Wingfield Rehmus

15. CASE-BASED LEARNING AS A TEACHING MODALITY FOR DERMATOLOGY RESIDENTS AT THE UNIVERSITY OF BRITISH COLUMBIA (UBC)

Christie Elsdon, Mimi Tran, Angela Burleigh, Aaron Wong

16. COMBINATION THERAPY USING INGENOL MEBUTATE AND METHYL AMINOLEVULINATE (MAL) PHOTODYNAMIC (PDT) THERAPY FOR THE TREATMENT OF ACTINIC KERATOSIS OF THE SCALP

Jason K Rivers, Bri Vestvik, Misha Zarbafian

17. SUN PROTECTION PRACTICES AMONGST DERMATOLOGY PATIENTS

Rebeca Pinca, Nick Bansback, Sunil Kalia

Oral Presentation II (11:00 – 12:00 PM)

Co-Chairs: Dr. Marie O'Connor & Mr. Yuheng Wang

- 11:00 AM** **TOPICAL TRETINOIN AS AN IMMUNOMODULATORY THERAPEUTIC FOR ALLERGIC AND AUTOIMMUNE DISEASE**
Paulina Piesik, Susan Menzies, Laura Sly, Jan Dutz
- 11:10 AM** **CAN DEEP LEARNING AUTOMATICALLY IDENTIFY SUSPICIOUS UGLY DUCKLING MOLES?**
Mohammadreza Mohseni, M. Stella Atkins
- 11:20 AM** **ATOPIC DERMATITIS AND BONE HEALTH: A SYSTEMATIC REVIEW**
Ilya M. Mukovozov, Deanna E. Morra, Dean Giustini, Mina Tadrous, Angela M. Cheung, Aaron M. Drucker
- 11:30 AM** **CAN A RAMAN SPECTRUM FROM NORMAL-APPEARING SKIN ADJACENT TO A SKIN LESION BE USED TO DETERMINE WHETHER THE LESION ITSELF IS CANCEROUS?**
Jianhua Zhao, Haishan Zeng, Sunil Kalia, David McLean, Harvey Lui
- 11:40 AM** **INVESTIGATING THE ROLE OF IL-7 AND IL-15 ON TISSUE RESIDENT MEMORY T-CELLS IN THE RECURRENCE OF CONTACT HYPERSENSITIVITY**
Touraj Khosravi-Hafshejani, Jan P. Dutz
- 11:50 AM** **PREDNISONE PRESCRIBING HABITS IN THE ER FOR RASH**
Rochelle Tonkin, Christopher Sladden

Guest Speaker (12:00 PM – 12:20 PM)

Dr. Sarah Hedtrich, Assistant Professor, Pharmaceutical Sciences

SKIN DISEASE MODELS FOR BASIC AND PRECLINICAL DERMATOLOGICAL RESEARCH

Lunch Break (12:20 – 1:00 PM)

Paetzold Atrium

Oral Presentation III (1:00 – 2:10 PM)

Co-Chairs: Dr. Danny Mansour & Ms. Jenny Lee

- 1:00 PM** **GRANZYME K: A NOVEL PLAYER IN PSORIASIS DEVELOPMENT**
Katlyn Richardson, Christopher Turner, Sho Hiroyasu, Richard Crawford,
Angela Burleigh, David Granville
- 1:10PM** **MELANOMA GUIDELINE ADHERENCE WITHIN THE NORTHERN HEALTH
AUTHORITY**
Taylor Callander, Chris Sladden
- 1:20 PM** **PROBING CUTANEOUS MOLECULAR FEATURES OF PSORIASIS AND
ECZEMA BY NON-INVASIVE RAMAN SPECTROSCOPY**
Yi Hui Wei, Harvey Lui, Jianhua Zhao, Haishan Zeng, Sunil Kalia
- 1:30 PM** **VOLUMETRIC SKIN PROPERTY ASSESSMENT ACHIEVED BY
POLARIZATION SENSITIVE OPTICAL COHERENCE TOMOGRAPHY**
Xin Zhou, Daniel C. Louie, Sina Maloufia, Lioudmila Tchvialevac, Shuo
Tang, Tim K. Lee
- 1:40 PM** **IMPROVING ACCURACY AND INTERPRATION OF DEEP MELANOMA
CLASSIFICATION USING 7-POINT CHECKLIST**
Yuheng Wang, Daniel C. Louie, Jiayue Cai, Z. Jane Wang, Harvey Lui, Tim
K. Lee
- 1:50 PM** **SKIN EXPOSURE TO NARROW BAND UVB LIGHT MODULATES THE
HUMAN INTESTINAL MICROBIOME**
Else S. Bosman, Arianne Y. Albert, Harvey Lui, Jan P. Dutz, Bruce A.
Vallance
- 2:00 PM** **COMPREHENSIVE RNA-SEQUENCING ANALYSIS IN VITILIGO LESIONS**
Qianli Yang, Youwen Zhou

Closing Remarks (2:10 PM)

Announcement of Prizes