PROGRAM

0800: WELCOME TO RESEARCH DAY

- Dr. Larry Goldenberg, Professor and Head, Department of Urologic Sciences, UBC
- Dr. Martin Gleave, Professor and Director of Research, Department of Urologic Sciences, UBC, Executive Director, Vancouver Prostate Centre
- Dr. Robert McMaster, VP Research, Vancouver Coastal Health, Executive Director, VCHRI, Associate Dean Research, Faculty of Medicine, UBC

0815: SULLIVAN LECTURE (30 min)

Visiting Professor
JAMES A. EASTHAM, MD
Professor and Chief
Urology Service, Department of Surgery
Memorial Sloan-Kettering Cancer Center, New York

“Clinically localized, high-risk prostate cancer”

0845 Session 1 – Moderator: Dr. Andrew MacNeily (7 min talk, 3 min Q&A)

0845: A SINGLE DOSE OF INTRAOPERATIVE ANTIBIOTICS IS SUFFICIENT TO PREVENT URINARY TRACT INFECTION DURING URETEROSCOPY
Ben H. Chew MD*, Ryan Flannigan*, Michael Ross, Michael P. Kurtz MD, Boris Gershman MD, Olga Arsovska BA, Ryan F. Paterson MD, Brian H. Eisner MD & Dirk Lange

0855: A NOVEL SOLUTION FOR DONOR ORGAN PRESERVATION IN TRANSPLANTATION
Sihai Gao1,2, Qiuong Guan1, Irina Chafeeva3, Donald E. Brooks3,4, Christopher Y.C. Nguan1, Jayachandran N. Kizhakkedathu3,4, Caigan Du1

0905: TRANSVERSUS ABDOMINIS PLANE BLOCK FOR PAIN MANAGEMENT OF LIVING KIDNEY DONORS AND RECIPIENTS
David S. Kim, Samir Bidnur, Steven S. Tang, Christopher Y. Nguan

0915: THE STUDY OF THE AUTONOMIC NERVOUS SYSTEM (ANS) ACTIVITY IN CHILDREN WITH BLADDER AND BOWEL DYSFUNCTION (BBD): PRELIMINARY RESULTS
Mir Sohail Fazeli1, Jean-Paul Collet1, Kourosh Afshar2

0925: EVALUATION OF RISK FACTORS AND TREATMENT OPTIONS IN PATIENTS WITH URETERAL STRICTURE DISEASE AT A SINGLE INSTITUTION
Henry Tran1, Reza Hamidizadeh1, Olga Arsovska1, Ryan F. Paterson1, Ben H. Chew1

0935: OPERATIVE FEEDBACK FOR UROLOGIC TRAINEES: THE RESIDENT REPORT CARD AND HUDL VIDEO REVIEW
David Harriman, M.D., Ryan Flannigan, M.D., Christopher Nguan, M.D.
0945: NOVEL ANTIMICROBIAL PEPTIDE COATING TO PREVENT CATHETER-ASSOCIATED URINARY TRACT INFECTIONS
Joey Lo^1, Claudia Janssen^1, Kai Yu^1, Evan Haney^3, Igor Moskalev^4, Jayachandran Kizhakkedathu^2, Robert E. Hancock^3, Ben H. Chew^1 & Dirk Lange^1

0955: State of The Art Talk (15 min.)

MALIGNANCY-ASSOCIATED GLYCOSAMINOGLYCAN ALTERATIONS IN UROTHELIAL CANCER
Nader Al Nakouzi^1, Jamie Rich^2, Chris Wang^1, Linda Wang^1, Sherry Lee^1, Mette Ørskov Agerbæk^2, Thomas Mandel Clausen^2, Jenny Bazov^1, Peter Black^1,4, Hongshen Ma^1,4, John Babcook^2, Ali Salanti^2 and Mads Daugaard^1,4

1015 – 1030 HEALTH BREAK

1030 Session 2 – Moderator: Dr. Alan So (7 min talk, 3 min Q&A)

1030: UTILIZATION RATES FOR ROBOT-ASSISTED LAPAROSCOPIC RADICAL PROSTATECTOMY AND OUT-OF-POCKET PATIENT COST
Dale RT, Tran H, Nguan C

1040: PROSTATE CANCER DETECTION FROM MULTIPARAMETRIC MRI
^1Nandinee Haq, ^2Larry Goldenberg, ^3Edward C. Jones, ^4Silvia D. Chang, Peter Black^2,4, Piotr Kozlowski, ^1Mehdi Moradi

1050: MULTI-PARAMETRIC MRI-GUIDED BIOPSY FOR THE DETECTION OF PROSTATE CANCER IN PATIENTS WITH PRIOR NEGATIVE BIOPSIES
^1H Abdi, ^2T Walshe, ^1H Zargar, ^1F Pourmalek, SD Chang^2, ME Gleave^1, A Harris^2, AI So^1, SL Goldenberg^1, L Machan^2, PC Black^1

1100: MULTI-PARAMETRIC MRI ENHANCES DETECTION OF SIGNIFICANT TUMOR IN PATIENTS ON ACTIVE SURVEILLANCE FOR PROSTATE CANCER
^1H Abdi, ^2T Walshe, ^1F Pourmalek, ^1H Zargar, ^2A Harris, SD Chang^2, AI So^1, ME Gleave^1, L Machan^2, PC Black^1, SL Goldenberg^1

1110: ULTRASOUND-BASED PREDICATION OF PROSTATE CANCER IN MRI-GUIDED BIOPSY
Nishant Uniyal1, Farhad Imami2, Amir Tahmasebi3, Harsh Agarwal3, Shyam Bharat3, Pingkun Yan3, Jochen Kruecker3, Jin Tae Kwak4, Sheng Xu4, Bradford Wood4, Peter Pinto4, Baris Turkbey4, Peter Choyke4, Purang Abolmaesumi1, Parvin Mousavi2, and Mehdi Moradi1

1120: MINIATURE LASER PROJECTOR FOR GUIDANCE AND AUGMENTED REALITY IN LAPAROSCOPIC SURGERY
^1Philip Edgcumbe, ^2Philip Prat, Guang-Zhong Yang^2, Christopher Nguan^3, Robert Rohling^1,4
1130: MULTIMODAL CLASSIFICATION OF PROSTATE TISSUE: A FEASIBILITY STUDY ON COMBINING ULTRASOUND B-MODE AND ELASTOGRAPHY WITH mpMRI
Hussam Al-Deen Ashab¹, Nandinee Haq¹, Guy Nir¹, S. Sara Mahdavi¹, Peter Black², Edward C. Jones⁴, S. Larry Goldenberg², Piotr Kozlowski², Septimiu E. Salcudean¹, Mehdi Moradi¹

1140 Session 3 – Moderator: Dr. Amina Zoubeidi (7min talk, 3 min Q&A)

1140: PATERNALLY EXPRESSED 10 (PEG10) IS A NOVEL THERAPEUTIC TARGET AGAINST NEUROENDOCRINE PROSTATE CANCER
Shusuke Akamatsu¹, Alexander W Wyatt¹, Dong Lin¹, Summer Lysakowski¹, Fan Zhang¹, Soojin Kim¹, Kendric Wang¹, Fan Mo¹, Robert Bell¹, Ladan Fazli¹, Himisha Beltran², Mark A Rubin³, Amina Zoubeidi¹, Yuzhuo Wang¹, Colin C Collins¹, Martin E Gleave¹

1150: CHROMOSOME COPY NUMBER ANALYSIS OF CIRCULATING TUMOR DNA (ctDNA) IN PLASMA OF METASTATIC CASTRATION-RESISTANT PROSTATE CANCER (mCRPC) PATIENTS (PATIENTS) TREATED WITH NOVEL HORMONAL AGENTS
Stanislav Volik¹, Arun Azad², Alexander Wyatt¹, Anne Haegert¹, Robert Bell¹, Shawn Anderson¹, Colin Collins¹, Kim Chi²

1200: TARGETING THE DNA BINDING DOMAIN OF THE ANDROGEN RECEPTOR AS A POTENTIAL THERAPY FOR PROSTATE CANCER
Kush Dalal¹, Mani Roshan-Moniri¹, Huifang Li¹, Fuqiang Ban¹, Aishwariya Sharma¹, Scott Dehm², Eric LeBlanc¹, Artem Cherkasov¹ and Paul. S. Rennie¹

1210: A NEW MODEL OF PROSTATE CANCER STEM CELLS AND ITS RELEVANCE IN CASTRATION RESISTANT PROSTATE CANCER
Amy Anne Lubik* & Josselin Caradec*, Mannan Nouri, Na Li, Manuel Altimarano-Dimas, Ladan Fazli, Jennifer Bishop, Mani Moniri, John Lewis, Dawn Cochrane, Paul Rennie, Martin Gleave, and Ralph Buttyan

1220: COMBINED AKT AND MEK PATHWAY BLOCKADE IN PRE-CLINICAL MODELS OF ENZALUTAMIDE RESISTANT PROSTATE CANCER
Paul J. Toren¹, Soojin Kim¹, Ladan Fazli¹, Barry R Davies², Martin E. Gleave¹ and Amina Zoubeidi¹

1230 – 1300 LUNCH BREAK

1300: State of the Art Talk (15 min.)
TARGETING SEMA3C SIGNALING IN GU CANCER
Chris Ong
1315: TARGETING HER2 WITH TRASTUZUMAB-DM1 (T-DM1) IN HER2-OVEREXPRESSING BLADDER CANCER
Tetsutaro Hayashi, Wolfgang Jaeger, Igor Moskalev, Shannon Awrey, Na Li, Manuel Altamirano-Dimas, Estelle Li, Ladan Fazli, Peter C Black

1325: THE SONIC HEDGEHOG PATHWAY AS A THERAPEUTIC TARGET IN BLADDER CANCER
Peter A. Raven, Summer Lysakowski, Yoshiyuki Matsu, Shintaro Narita, Alan I. So

1335: A NOVEL THERAPY IN PROSTATE CANCER: LASP-1 KNOCKDOWN INHIBITS CELL GROWTH IN PROSTATE CANCER
Takashi Dejima, Ario Takeuchi, Tetsutaro Hayashi, James W. Peacock, Larissa Ivanova, Tabitha Tombe, Kevin Tam, Ladan Fazil, Peter C. Black, Martin E. Gleave, and Christopher J. Ong

1345: SUPPRESSION OF LOCAL AND SYSTEMIC IMMUNE RESPONSES BY NEUROENDOCRINE-LIKE ENZALTUAMIDE RESISTANT PROSTATE CANCER
Jennifer L. Bishop, Alexander Sio, Arkijimal Angeles, Barinder Sangha, Soojin Kim, Daksh Thapher, Kirsi Ketola and Amina Zoubeidi

1355: MCT4-TARGETING ANTISENSE OLIGONUCLEOTIDES AS A NOVEL POTENTIAL THERAPEUTIC WITH IMMUNOMODULATORY PROPERTIES AGAINST CASTRATION RESISTANT PROSTATE CANCER
Stephen YC Choi, Hui Xue, Rebecca Wu, Fang Zhang, Ladan Fazli, Dong Lin, Colin C Collins, Martin E Gleave, Peter W Gout, Yuzhuo Wang

1405: DEFORMABILITY BASED SEPARATION OF CIRCULATING TUMOR CELL FROM CASTRATE RESISTANT PROSTATE CANCER PATIENTS
Sunyoung Park, Chao Jin, Kim N. Chi, Peter C. Black, Hamidreza Abdi, and Hongshen Ma

1415: THE INTER-TUMOR TRANSCRIPTOME HETEROGENEITY OF HIGH-RISK PRIMARY PROSTATE CANCER
Alexander W Wyatt, Fan Mo, Kendric Wang, Brian McConeghy, Sonal Brahmhart, Lina Jing, Devon M Mitchell, Rebecca L Johnston, Anne Haegert, Estelle Li, Janet Liew, Jake Yeung, Raunak Shrestha, Anna Lapuk, Andrew McPherson, Robert Shukin, Robert H Bell, Shawn Anderson, Jennifer Bishop, Antonio Hurtado-Coll, Hong Xiao, Arul M Chinnaiyan, Rohit Mehr, Dong Lin, Yuzhuo Wang, Ladan Fazli, Martin E Gleave, Stanislav V Volik, Colin C Collins

1425: EXOSOMES; FUTURE DIAGNOSTIC TOOL IN PROSTATE CANCER
Elham Hosseini-Beheshti, Wendy Choi, Hans Adomat, Emma S. Tomlinson Guns

1435: ADJOURN