



Program – APCaRI Fall Symposium 2022

Nov. 18-19 2022

Banff Park Lodge, Alberta

Friday, November 18, 2022 (Black Bear Room)

- 2:00–2:10 Welcome (John Lewis, PhD.)- *Tribute Stewart Campbell and Arni Goodman.*
- 2:10–2:40 Introduction (John Lewis, PhD.)
- 2:40- 3:00 New APCaRI initiatives - the next 5 years (Adam Kinnaird, MD., PhD.)

Biomarkers, metastasis and Clinical Cohorts

- 3:00-3:50 KEYNOTE: "But what if....? Treatment regret in localized prostate cancer" Christopher Wallis, Assistant Professor, University of Toronto and Urologic Oncologist, Mount Sinai Hospital and University Health Network.
- 3:50-4:10 "Proteinase Signaling, Inflammatory Disease and Cancer", M.D. Hollenberg, D. Phil, MD, Professor, Departments of Physiology & Pharmacology, University of Calgary Cumming School of Medicine.
- 4:10 – 4:40 *Johnson & Johnson Break*
- 4:40-5:00 *Charles Yan-TBD.*
- 5:00-5:15 "PSA testing rates in indigenous vs. non-indigenous communities in Alberta" Alex Kiciak, MD.
- 5:15-5:30 "ClarityDx Bladder - Development Program", Argo Basu, PhD.

Imaging

- 5:30-5:50 "Advances in Ultrasound-Aided Biomarker Release and Virtual Histology for Prostate Cancer", Roger Zemp, PhD.
- 5:50-6:05 "Intravital imaging reveals complementary Wnt/b-catenin and Wnt/ATF2-dependent signalling activities during human tumour cell invasion and metastasis", Konstantin Stoletov, PhD.
- 6:05-6:20 "The Next Generation Trial – The first six months: Assessing 18F-PSMA-1007 positron emission tomography and magnetic resonance imaging in the primary staging of prostate cancer patients", Nikhile Mookerji, MD.
- 6:20-7:00 *Free time*
- 7:00-11:00 *Merk & AstraZeneca Dinner – Networking - Cash bar (Glacier Salon)*

Saturday, November 19, 2022 (Black Bear Room)

- 8:00 – 8:30 Pfizer Breakfast Buffet (Carve Mountain Grill)
- 8:30 – 8:50 Updates on Alberta PCa Cohorts: Registry & Biorepository, Anais Medina Martin, PhD
- 8:50 – 9:10 Future of Genetic Testing in Prostate Cancer within Alberta, Steve Yip, MD, MSc.

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Proteomics, Genomics, and Prostate Cancer

- 9:10–10:00 "The evolution of lethal prostate cancer" KEYNOTE: Paul Boutros, PhD., Data Scientist and Professor in the Departments of Human Genetics and Urology at the David Geffen School of Medicine at UCLA.
- 10:00–10:20 *Tarek Bismart, MD.*
- 10:20–10:50 *Merck Break*
- 10:50-11:10 "Discovery of Proteomic and Proteogenomic Biomarkers of Prostate Cancer" Andrei P. Drabovich, PhD.
- 11:10 – 11:25 "Role of Zyxin in Gene Regulation and Cell Proliferation", M. Quadir Siddiqui, PhD.
- 11:25 - 11:40 "Clinical-Grade Comprehensive Genomic Profiling of Advanced/Metastatic Prostate and Bladder cancers", Reid McNeil, MSc.
- 11:40 - 11:55 "ARPC1B overexpression Is Significantly Associated with ERG/PTEN in Lethal Prostate Cancer and Its Inhibition Decreases Cell Invasion and Migration In Vitro", Yaser Gamallat, PhD.
- 11:55 – 1:30 *Bayer & Astellas Lunch & Team picture (La Terraza)*

Artificial Intelligence and Machine Learning

- 1:30-2:20 KEYNOTE: "How better software engineering improves scientific and medical research." Vijay Pandurangan, Prof. MSc., Adjunct Professor at Stanford School of Medicine.
- 2:20-2:40 Ross Mitchell. TBD
- 2:40-2:55 "Learning to Predict Prostate Cancer Recurrence from Tissue Images", Mahtab Farrokh, MSc.
- 2:55-3:10 "Evolution of the ClarityDX Prostate test: Optimizing test accuracy and costs", Robert Paproski, PhD.
- 3:10-3:25 *AstraZeneca Break*

Cancer Therapy & Imaging

- 3:25- 3:45 "Outcomes of first subsequent taxane (FST) therapy in patients (pts) with metastatic castration-resistant prostate cancer (mCRPC) who received docetaxel intensification (DI) in metastatic castration-sensitive prostate cancer (mCSPC) as treated at the Cross Cancer Institute (CCI)." Gabrielle Robin, MD.
- 3:45 – 4:00 "The Alberta LINAC-MR P3 system", Arun Elangovan, MD.
- 4:00 – 4:15 Discussion, closing remarks and adjourn

Executive and Science & Data Quality Committee meeting (TBD)

- 4:45 – 6:00 Executive Committee and Science and Data Quality Committee meeting
- 6:00 – 7:00 Executive Committee Dinner

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