



Virtual CCRC 2021 Preliminary Scientific Program

All times are listed in Eastern Time.

Monday, November 8, 2021				
12:00 - 12:15	Welcome and Opening Remarks			
12:15 - 1:45	Keynote Session and Panel Discussion - Personalizing Big Data			
1:45 - 2:00	Break			
2:00 - 2:15	LS 1A - Lightning Session and Discussion - Palliative Care	ORAL 1A - Concurrent Session with Q&A - Tumour Microenvironment and Immunology	ORAL 1B - Concurrent Session with Q&A - Cancer Clinical Trial Approaches	
2:15 - 2:30				
2:30 - 2:45	LS 1B - Lightning Session and Discussion - Health Services and Policy			
2:45 - 3:00				
3:00 - 3:15	Break			
3:15 - 3:30	LS 1C - Lightning Session and Discussion - Blood Cancer	ORAL 1C - Concurrent Session with Q&A - Immunotherapy	ORAL 1D - Concurrent Session with Q&A - Indigenous Cancer Research	
3:30 - 3:45				
3:45 - 4:00	LS 1D - Lightning Session and Discussion - Pancreatic Cancer			
4:00 - 4:15				
4:15 - 4:30	End of day wrap up			



Tuesday, November 9				
12:00 - 12:15	Welcome and Opening Remarks			
12:15 - 1:45	Keynote Session and Panel Discussion - Aging Well with Cancer			
1:45 - 2:00	Break			
2:00 - 2:15	LS 2A - Lightning Session and Discussion - Breast Cancer	LS 2B - Lightning Session and Discussion - Brain Cancer	ORAL 2A - Concurrent Session with Q&A - Precision Medicine and Biomarkers	ORAL 2B - Concurrent Session with Q&A - Patient Reported Outcomes and Patient Experience
2:15 - 2:30				
2:30 - 2:45	LS 2C - Lightning Session and Discussion - Colorectal Cancer	LS 2D- Lightning Session and Discussion - Lung Cancer		
2:45 - 3:00				
3:00 - 3:15	Break			
3:15 - 3:30	LS 2E - Lightning Session and Discussion - Pediatric Cancer	LS 2F - Lightning Session and Discussion- Rare Cancers	ORAL 2C - Concurrent Session with Q&A - Metastasis	Concurrent Session – Cancer Research Platforms
3:30 - 3:45				
3:45 - 4:00	LS 2G - Lightning Session and Discussion - Prostate Cancer	LS 2H - Lightning Session and Discussion - Ovarian Cancer		
4:00 - 4:15				
4:15 - 4:30	End of day wrap up			



Wednesday, November 10					
12:00 - 12:15	Welcome and Opening Remarks				
12:15 - 12:30	LS 3A - Lightning Session and Discussion - Synthetic Lethality	ORAL 3A - Concurrent Session with Q&A - COVID-19 and Cancer Screening and Treatment	ORAL 3B - Concurrent Session with Q&A - Lifestyle and Diet		
12:30 - 12:45					
12:45 - 1:00	LS 3B - Lightning Session and Discussion - Liver metastasis				
1:00 - 1:15					
1:15 - 1:30	Break				
1:30 - 3:00	Keynote Session and Panel Discussion - Tomorrow's Cancer Therapies Today				
3:00 - 3:15	Break				
3:15 - 3:30	LS 3C - Lightning Session and Discussion - Bioinformatics and Genomics	ORAL 3C - Concurrent Session with Q&A - Metabolism	ORAL 3D - Concurrent Session with Q&A - Equity in Cancer Care		
3:30 - 3:45					
3:45 - 4:00	LS 3D - Lightning Session and Discussion - DNA Damage and Repair				
4:00 - 4:15					
4:15 - 4:30	End of day wrap up				



Thursday, November 11				
12:00 - 12:15	Welcome and Opening Remarks			
12:15 - 12:30	LS 4A - Lightning Session and Discussion - Chemoresistance	ORAL 4A - Concurrent Session with Q&A - Epigenetics	ORAL 4B - Concurrent Session with Q&A - Imaging and Radiation Oncology	
12:30 - 12:45				
12:45 - 1:00	LS 4B - Lightning Session and Discussion - Geriatric Oncology			
1:00 - 1:15				
1:15 - 1:30	Break			
1:30 - 1:45	LS 4C - Lightning Session and Discussion - Prevention	ORAL 4C - Concurrent Session with Q&A - Patient Engagement	ORAL 4D - Concurrent Session with Q&A - Bioinformatics and AI	
1:45 - 2:00				
2:00 - 2:15	LS 4D - Lightning Session and Discussion - Risque de cancer et prévention primaire (in French)			
2:15 - 2:30				
2:30 - 2:45	Break			
2:45 - 4:15	Keynote Session and Panel Discussion - Understanding and Managing Risk - The saga of hereditary cancer			
4:15 - 4:30	CCRC 2021 Wrap Up			



Monday, November 8, 2021

12:00 – 12:15 pm

Welcome and Opening Remarks

12:15 – 1:45 pm

Keynote Session and Panel Discussion – Personalizing Big Data

Moderators:

Dr. Claudia Kleinman
McGill University, Lady Davis Institute

Dr. Don Desserud
Patient and Family Representative

TBC

Dr. Ali Bashashati
University of British Columbia, Vancouver Coastal Health Research Institute

TBC

Dr. Rebecca Deyell
Pediatrics, University of British Columbia

TBC

Dr. Hermann Nabi
Social and Preventive Medicine, Université Laval

1:45 – 2:00 pm

Break

2:00 – 3:00 pm

ORAL 1A - Concurrent Session with Q&A - Tumour Microenvironment and Immunology

Investigating Intra-Tumour Metabolic Heterogeneity in Triple-Negative Breast Cancer

Marina Fukano
McGill University

Harnessing synthetic lethality to drive ferroptosis in hypoxic solid tumours

Dr. Shawn Chafe
BC Cancer Research Institute

Cancer cell plasticity leads to the activation of progenitor-like signaling pathways and immune checkpoint genes

Dr. Iacovos Michael
Sunnybrook Research Institute

ORAL 1B - Concurrent Session with Q&A - Cancer Clinical Trial Approaches

The Rethinking Clinical Trials (REaCT) program: leading pragmatic, practice-changing, patient-centred research across Canada

Dr. Mark Clemons
Ottawa Hospital



**PAROLE-Onco, accompanying patients as members of the care team:
mirage or reality?**

Dr. Marie-Pascale Pomey
Centre de recherche du CHUM

**Protocol for implementing a national exercise oncology program:
Project EXCEL**

Dr. S. Nicole Culos Reed
University of Calgary

2:00 – 2:30 pm

LS 1A - Lightning Session and Discussion - Palliative Care

**The PROVIEW+ tool: Validating a cancer model to predict risk of death,
poor performance status and severe symptoms over time**

Dr. Hsien Seow
McMaster University

**Using stakeholder engagement to inform Canadian Cancer Society's
position statement on medical assistance in dying (MAiD)**

Ms. Ruhi Kiflen
Canadian Cancer Society

**Acceptability of Automatic Referrals to Supportive and Palliative Care
by Patients Living with Advanced Lung Cancer: A Co-Design Process**

Dr. Aliyah Pabani
University of Calgary

**Does early palliative care reduce end-of-life healthcare costs: A
population-based, propensity-score matched cohort study**

Dr. Hsien Seow
McMaster University

2:30 – 3:00 pm

LS 1B - Lightning Session and Discussion - Health Services and Policy

**The Use of Risk-Sharing Agreements to Reimburse High-Cost Oncology
Drugs: Legal, Regulatory and Policy Considerations**

Melanie McPhail
Simon Fraser University

**Preliminary evaluation results of the integrated knowledge translation
approach utilized in the Canadian Population Attributable Risk of
Cancer (ComPARE) study**

Apiramy Jeyapalan
Canadian Cancer Society

**The use of complementary medicine among individuals with cancer:
Standardizing assessment and documentation and evaluating
prevalence and associations of use**

Dr. Lynda Balneaves
University of Manitoba

**Characterizing the financial burden of advanced cancer: interim
analysis of financial effects data from people living with advanced
colorectal cancer**

Dr. Marc Kerba
University of Calgary

3:00 – 3:15 pm

Break



3:15 – 4:15 pm

ORAL 1C - Concurrent Session with Q&A - Immunotherapy

The spatial immune landscape of cutaneous melanoma

Dr. Ian Watson
Goodman Cancer Research Centre, McGill University

Targeting CXCR2-mediated neutrophil recruitment to non-small cell lung cancer

Mr. Simon Milette
McGill University

Elucidating the Role of the non-Receptor Tyrosine Kinase Fes in Tumour Immune Evasion

Mr. Brian Laight
Queen's University

ORAL 1D - Concurrent Session with Q&A - Indigenous Cancer Research

Re-conceptualizing Metrics for an Indigenous Cancer Indicator Framework on Cancer Screening to Early Diagnosis and through the Cancer Journey

Dr. Angeline Letendre
Canadian Indigenous Nurses Association

Exploring the cancer experiences and outcomes for Metis patients and families in Saskatchewan

Mr. Adel Panahi
Metis Nation - Saskatchewan Secretariat Inc.

TBC

3:15 – 3:45 pm

LS 1C - Lightning Session and Discussion - Blood Cancer

Transient receptor potential vanilloid type calcium channel (TRPV6) as a novel therapeutic target in lymphoid tumours

Dr. Alli Murugesan
University of New Brunswick

Molecular Subtyping of NPM1 mutated AML

Dr. Arvind Mer
Princess Margaret Cancer Centre

Defining the biological significance and role of somatic TMEM30A mutations in diffuse large B cell lymphoma.

Shannon Healy
BC Cancer Agency

A modular activatable synthetic biology system to visualize in vivo cell-cell communication

Mr. TianDuo Wang
Robarts Research Institute

Mathematical modelling of perturbed hematopoiesis during the pre-leukemic phase of AML to evaluate therapeutic strategies for clonal reduction

Mia Brunetti
Université de Montréal



3:45 – 4:15 pm

LS 1D - Lightning Session and Discussion - Pancreatic Cancer

The role of Hippo signalling in stromal-epithelial interactions acinar-to-ductal metaplasia and pancreatic cancer initiation

Miss Julia Messina-Pacheco
Research Institute of the McGill University Health Centre (RI-MUHC)

Exploring the effects of SBRT on the pancreatic tumor microenvironment using intravital fluorescence microscopy

Mr. Timothy Samuel
University Health Network

TANDEM: Biomicrofluidic Systems with Transverse And Normal Diffusional Environments for Multidirectional Signalling

Mr. Michael Mohan
University of Toronto

The Role of Neutrophil Extracellular Trap/CCDC25/Integrin Linked Kinase in Pancreatic Ductal Adenocarcinoma (PDAC) Progression and Metastasis

Dr. Paul McDonald
BC Cancer Research Institute

4:15 – 4:30 pm

End of Day Wrap Up

Tuesday, November 9, 2021

12:00 – 12:15 pm

Welcome and Opening Remarks

12:15 – 1:45 pm

Keynote Session and Panel Discussion – Aging Well with Cancer

Moderators:

Dr. Martine Puts
University of Toronto

Ms. Debi Lascelle
Patient and Family Representative

TBC

Dr. Ronald DePinho
MD Anderson Cancer Center

TBC

Dr. Shabbir Alibhai
Medicine, University Health Network

TBC

Dr. Harvey Chochinov
University of Manitoba

TBC

Dr. Kristen Haase
School of Nursing, University of British Columbia



1:45 – 2:00 pm

Break

2:00 – 3:00 pm

ORAL 2A - Concurrent Session with Q&A - Precision Medicine and Biomarkers

From cell signaling to drug targeting in melanoma

Dr. Ian Watson
Goodman Cancer Research Centre, McGill University

TBC

The receptor for hyaluronan-mediated motility as a regulator of drug sensitivity in triple-negative breast cancer

Ms. Britney Messam
Western University

ORAL 2B - Concurrent Session with Q&A - Patient Reported Outcomes and Patient Experience

Harnessing the Power of Integrated Patient Reported Outcomes (PROs): Exploring the Relationship Between Symptom Complexity and Health System Utilization

Dr. Linda Watson
Alberta Health Services

TBC

Experiences and Perceptions of Older Adults with Lower-risk Hormone Receptor-positive Breast Cancer about Adjuvant Radiotherapy and Endocrine Therapy: A Patient Survey

Dr. Marie-France Savard
University of Ottawa

2:00 – 2:30 pm

LS 2A - Lightning Session and Discussion - Breast Cancer

Emergence of B1 integrin-deficient mammary tumors from dormancy involves both epithelial cell intrinsic and extrinsic mechanisms

Miss Yu Gu
McGill University

Developing a model of HER2+/ER+ breast cancer to examine the role of the immune microenvironment on therapeutic response

Miss Hailey Dall-Proud
McGill University

Inhibiting the adaptor protein ezrin enhances adaptive anti-tumor immune responses in a mouse model of triple-negative breast cancer

Dr. Victoria Hoskin
Queen's University

Using Machine Learning to Identify Risk Factors for Severe Vasomotor Symptoms in Breast Cancer Patients

Dr. Katherine Cole
University of Ottawa

Dissecting novel ShcA-regulated signalling networks that promote breast cancer progression and therapeutic resistance.

Miss Kathryn Hunt
McGill University



LS 2B - Lightning Session and Discussion - Brain Cancer

Regulation of mRNA translation by eIF5B in glioblastoma	Dr. Nehal Thakor <i>University of Lethbridge</i>
Invasive growth of brain metastases is driven by cancer cell-pSTAT3+ reactive astrocyte crosstalk	Ms. Sarah Maritan <i>McGill University</i>
Cell Cycle Regulation as a Permissive Early Event During Gliomagenesis	Dr. Lisa Porter <i>University of Windsor</i>
Glioblastoma Temozolomide Chemoresistance: Is Autophagy Playing a Role?	Miss Courtney Clark <i>University of Manitoba</i>
The Role of RNA Methyltransferase NSUN5 in Translational Reprogramming and Tumorigenesis in Glioblastoma	Yan Shu Kong <i>University of Alberta</i>

2:30 – 3:00 pm

LS 2C - Lightning Session and Discussion - Colorectal Cancer

A systematic review of colorectal cancer prevention and screening interventions among Indigenous populations in Canada and abroad	Ms. Eleeyah Uri <i>Ontario Health</i>
Evaluation of algorithms using administrative health and structured electronic medical record data to determine breast and colorectal cancer recurrence in a Canadian province	Mr. Pascal Lambert <i>CancerCare Manitoba</i>
Treatment patterns and survival outcomes of early age-at-onset colorectal cancer patients in Alberta: a population-based study	Dr. Dylan O'Sullivan <i>University of Calgary</i>
Genomic instability and DNA damage regulate STING activation through characteristic cytosolic DNA structures in colorectal cancer	Shayla Mosley <i>University of Alberta</i>
Analyzing tumour infiltrating lymphocyte populations in MSI vs. MSS primary colon cancer patients using digital cytometry	Ms. Sara Pietropaolo <i>Dalhousie University</i>

LS 2D - Lightning Session and Discussion - Lung Cancer

Création et caractérisation d'une cohorte provinciale de patients atteints d'un cancer du poumon à l'aide de données clinico-administratives	Mr. Gino Boily <i>Institut d'excellence en santé et en services sociaux</i>
Examining the Relationship Between Green Space, Air Pollution, and Lung Cancer Incidence Using Bayesian Hierarchical Modelling.	Mr. Jonathan Simkin <i>BC Cancer</i>
Perspectives of family physicians towards access to lung cancer screening for individuals living with low income	Dr. Ambreen Sayani <i>Women's College Hospital</i>



Infrared Spectroscopic Analysis of Exhaled Breath for Prediction of Progression-Free and Overall Survival in Lung Cancer Patients

Ms. Erin Brooks
Dalhousie University

Non-small cell lung cancer survival by immigrant status: A population-based retrospective cohort study in Ontario, Canada

Dr. Geetanjali Datta
Cedars-Sinai Medical Centre

3:00 – 3:15 pm

Break

3:15 – 4:15 pm

ORAL 2C - Concurrent Session with Q&A - Metastasis

3D Chromatin Remodeling Potentiates Transcriptional Programs Driving Cell Invasion

Dr. Michael Witcher
The Lady Davis Institute of McGill University

Proteomic screens for suppressors of anoikis identify IL1RAP as a promising surface target in Ewing sarcoma

Dr. Haifeng Zhang
University of British Columbia

Neutrophil oxidative stress mediates obesity-associated vascular inflammation and metastatic transmigration

Sheri McDowell
McGill University

Concurrent Session – Cancer Research Platforms

CTRNet

Dr. Anne-Marie Mes-Masson
Centre de recherche du CHUM

Dr. Peter Watson
BC Cancer

CanPATH

Dr. Trevor Dummer
University of British Columbia

3CTN

Mr. Stephen Sundquist
3CTN - Canadian Cancer Clinical Trials Network

TFRI

Mr. Stephen Herst
Terry Fox Research Institute

3:15 – 3:45 pm

LS 2E - Lightning Session and Discussion - Pediatric Cancer

Hearing Loss in Cisplatin-Treated Childhood Cancer Patients is Mediated by Toll-Like Receptor 4

Ms. Asna Latif
University of Alberta

Potential pro-leukemic signaling through Toll-like receptor 3 in pediatric acute lymphoblastic leukemia

Ms. Tanmaya Are
BC Children's Hospital Research Institute



Understanding and preventing acute lymphoblastic leukemia late adverse effects using genomics and machine learning

Mr. Nicholas Raymond
Université de Sherbrooke

Genetic and Transcriptional analysis of Patient-Derived Xenografts (PDXes) for Leptomeningeal Disease

Miss Ana Isabel Castillo Orozco
McGill University, RI-MUHC

LS 2F - Lightning Session and Discussion- Rare Cancers

STING Activation in Sarcoma: Assessing Clinically Relevant Therapeutic Strategies

Ms. Karys Hildebrand
University of Calgary

Development of targeted radioimmunotherapy for osteosarcoma using comparative oncology approach

Mr. Chandra Bose Prabakaran
University of Saskatchewan

Characterization of metabolic rewiring and identification of potential therapeutic targets in CBFA2T3-GLIS2-dependent AMKL

Dr. Caroline Capdevielle
Centre de recherche HMR

Tumorigenic properties of uveal melanoma cancer cells grown in 3D or on a reconstructed extracellular matrix

Oliver Chancy
Université Laval

Alterations on intracellular localization and trafficking of the RET receptor induced by Multiple Endocrine Neoplasia type 2 mutations

Mr. Eduardo Reyes-Alvarez
Queen's University

3:45 – 4:15 pm

LS 2G - Lightning Session and Discussion - Prostate Cancer

Clinical and genomic indolence in lung recurrent metastatic hormone-sensitive prostate cancer

Dr. Nicolette Fonseca
University of British Columbia

Identifying Circulating Genes to Stratify Patients with Advanced Prostate Cancer and Predict Therapeutic Response

Miss Seta Derderian
RI-MUHC

Identification of Cellular Signatures Predictive of Human Prostate Cancer Progression

Ms. Chloe Liu
McGill University, Goodman Cancer Research Centre

The role of receptor tyrosine kinase ROR2 in stemness and immune evasion

Ms. Nakisa Tabrizian
University of British Columbia / Vancouver Prostate Centre

The gut microbiome-prostate tumour crosstalk is modulated by dietary polyunsaturated fatty acids

Mr. Jalal Laaraj
Centre de recherche du CHU de Québec-Université Laval

LS 2H - Lightning Session and Discussion - Ovarian Cancer

Targeting NAD metabolism counters PARP inhibitor resistance in ovarian cancer

Mr. Alex Sauriol
Institut du cancer de Montreal



Cystathionine gamma lyase: A promising therapeutic target in clear cell carcinoma of the ovary

Dr. Amal EL-Naggar
University of British Columbia

Development of theranostic probes against MUC16 to enable PET/CT imaging for early detection and targeted radioimmunotherapy of MUC16 expressing ovarian cancers.

Miss Hanan Babeker
University of Saskatchewan

Oviduct epithelial cells constitute two developmentally distinct lineages that are spatially separated along the distal-proximal axis

Dr. Matthew Ford
McGill University, Goodman Cancer Research Centre

Developing an ovarian cancer tissue cell fate (TCFate) manipulation and detection tool

Miss Marie Orléan Ada Ndong
Centre de Recherche du Centre Hospitalier de l'Université de Montréal (CRCHUM)

4:15 – 4:30 pm

End of Day Wrap Up

Wednesday, November 10, 2021

12:00 – 12:15 pm

Welcome and Opening Remarks

12:15 – 1:15 pm

ORAL 3A - Concurrent Session with Q&A - COVID-19 and Cancer Screening and Treatment

Predicted impact of the COVID-19 pandemic on cancer incidence and mortality in Canada

Dr. Talía Malagón
McGill University

Utilization of COVID-19 related funding modifications for systemic cancer therapies in Ontario, Canada

Ms. Jaclyn Beca
Ontario Health

Evaluating the impact of the COVID-19 pandemic on new cancer diagnoses and oncology care in Manitoba

Mr. Pascal Lambert
CancerCare Manitoba

ORAL 3B - Concurrent Session with Q&A - Lifestyle and Diet

Psychiatric Disorder Incidence Among Adolescents and Young Adults Aged 15-39 with Cancer: A Population-Based Cohort Study

Dr. Miranda Fidler-Benaoudia
University of Calgary



The Association of Estimated Cardiorespiratory Fitness and Overweight and Obesity with Invasive Breast Cancer: A prospective cohort study

Miss Rebecca Christensen
University of Toronto

Investigating the relationship between heavy metal exposure and cancer risk in Canada

Miss Katherine Pullella
University of Toronto

12:15 – 12:45 pm

LS 3A - Lightning Session and Discussion - Synthetic Lethality

Preclinical Studies on Novel Treatment Plans for Metastatic Triple Negative Breast Cancers

Dr. Armin Gamper
University of Alberta, Cross Cancer Institute

Genome-Wide CRISPR Cas9 Screen Reveals a Synthetic Lethal Interaction Between PARG and PTEN in Melanoma

Mr. Emmanuel Asante
McGill University

Genome-wide CRISPR Screens Identify Ferroptosis as a Novel Therapeutic Vulnerability in Acute Lymphoblastic Leukemia

Dr. Marie-Eve Lalonde
National Research Council

The roles of 4E-BP1 in breast cancer metastasis

Mr. Predrag Jovanovic
Lady Davis Institute

Characterizing the role of ETFDH on cancer biology

Dr. David Papadopoli
Lady Davis Institute

12:45 – 1:15 pm

LS 3B - Lightning Session and Discussion - Liver metastasis

The role of Estrogen in the Immune Microenvironment of Liver Metastases

Miss Yasmine Benslimane
McGill University

EV derived Proteomics profile to stratify Angiogenic and Non-Angiogenic HGPs in Colorectal Cancer Liver metastasis

Mrs. Migmar Tsamchoe
Research Institute of McGill University Health Centre

A comprehensive analysis of SNPs and CNVs in relation to survival outcomes in colorectal cancer

Mr. Yajun Yu
Memorial University of Newfoundland

1:15 – 1:30 pm

Break



1:30 – 3:00 pm

Keynote Session and Panel Discussion - Tomorrow's Cancer Therapies Today

Moderators:

Dr. Madhuri Koti
Queen's University

Ms. Ruth Ackerman
Patient and Family Representative

TBC

Dr. Paola Marignani
Biochemistry and Molecular Biology, Dalhousie University

TBC

Dr. Padmanee Sharma
MD Anderson Cancer Centre

TBC

Dr. Lilian Siu
University Health Network

3:00 – 3:15 pm

Break

3:15 – 4:15 pm

ORAL 3C - Concurrent Session with Q&A – Metabolism

Mevalonate metabolism as an actionable vulnerability of t(4;14)-positive multiple myeloma

Dr. Joseph Longo
Van Andel Institute

Metabolic adaptations supporting the evolution of resistance to chemotherapeutics in breast cancer

Mr. Yannick Audet-Delage
University of Ottawa

Targeting metabolism as a novel therapeutic strategy to suppress oncogenic MYC in group 3 medulloblastoma tumors

Emma Martell
University of Manitoba

ORAL 3D - Concurrent Session with Q&A - Equity in Cancer Care

Building on Existing Tools to Improve Chronic Disease Prevention and Screening in Public Health: A Cluster Randomized Trial

Dr. Aisha Lofters
Women's College Hospital

Exploring Health Equity in a Context of Cancer Prevention from Alberta Métis Perspectives

Dr. Angeline Letendre
Canadian Indigenous Nurses Association

High prevalence of triple negative and quadruple negative breast cancer among women of African ancestry compared to Caucasian women

Shawn Hercules
McMaster University



3:15 – 3:45 pm

LS 3C - Lightning Session and Discussion - Bioinformatics and Genomics

Circulating-tumour DNA Derived Nucleosome Positioning Captures Tissue Gene Expression And Transcription Factor Activity In Prostate Cancer

Ms. Xinyi Chen
Vancouver Prostate Centre

Application of Generalized Multifactor Dimensionality Reduction (GMDR) methods to identify potential multi-SNP interactions associated with survival times in colorectal cancer patients

Mr. Aaron Curtis
Memorial University of Newfoundland

Orchestrating and sharing large multimodal biomedical data for more transparent and reproducible biomarker discovery

Dr. Benjamin Haibe-Kains
University Health Network

LDCT Lung Sub-cm Nodule Malignancy Prediction with Combination Radiomics and Machine Learning Models

Mr. Ian Janzen
BC Cancer

3:45 – 4:15 pm

LS 3D - Lightning Session and Discussion - DNA Damage and Repair

Investigation of the sexual dimorphic tumor suppressor role of DDX3X in melanoma

Mrs. Marine Lingrand
McGill University

The role of HORMAD1 in DNA damage repair in squamous cell carcinomas

Mrs. Jennifer Gantchev
McGill University

Revival Stem Cells Mediate P53-Dependent DNA Repair to Regenerate the Intestinal Epithelium

Dr. Arshad Ayyaz
Mount Sinai Hospital

Beyond BRCA1 during DNA repair by homologous recombination (HR): characterization of the zinc finger protein POGZ as a novel pro-HR factor

Dr. Alexandre Orthwein
Lady Davis Institute

4:15 – 4:30 pm

End of Day Wrap Up



Thursday, November 11, 2021

12:00 – 12:15 pm

Welcome and Opening Remarks

12:15 – 1:15 pm

ORAL 4A - Concurrent Session with Q&A – Epigenetics

MYC drives aggressive prostate cancer by disrupting transcriptional pause release at androgen receptor targets

Dr. David Labbé
McGill University

Uncovering the dosage-dependent roles of Arid1a in gastric tumorigenesis for combinatorial drug therapy

Mr. Adrian Loe
Hospital for Sick Children

Systematic characterization of the bromodomain containing subunits within the mSWI/SNF chromatin remodeling complexes

Miss Lynda Agbo
Université Laval

ORAL 4B - Concurrent Session with Q&A - Imaging and Radiation Oncology

Predicting Prostate Cancer Response to Brachytherapy Using AI Driven Digital Pathology

Dr. Calum MacAulay
BC Cancer

Ionizing radiation upregulates TKS5 expression in Glioblastoma

Ms. Lisa Decotret
BC Cancer

Anti-hypertensive Drug Modulates Cancer-Associated Fibroblasts to Improve Radiation Response

Ms. Che-Min Lee
BC Cancer Research Centre

12:15 – 12:45 pm

LS 4A - Lightning Session and Discussion – Chemoresistance

Overcoming cancer recurrence and metastatic progression by targeting anastasis

Dr. Wells Brown
British Columbia Cancer Research Institute

Identify Targetable Molecular Drivers of Chemotherapy Resistance in Gastro-Esophageal Adenocarcinoma

Ms. Iris Kong
McGill University

SMARCA4/2 loss inhibits chemotherapy-induced apoptosis by restricting IP3R3-mediated Ca²⁺ flux to mitochondria

Miss Kangning Yang
McGill University

Reciprocal metabolic and epigenetic adaptations to microenvironment stress exposes vulnerabilities in breast cancer

Ms. Geneviève Deblois
Université de Montréal



Immune checkpoint inhibitor resistance mutations in the IFN-JAK-STAT pathway increase melanoma sensitivity to oncolytic virus treatment

Dr. Ian Watson
Goodman Cancer Research Centre, McGill University

12:45 – 1:15 pm

LS 4B - Lightning Session and Discussion - Geriatric Oncology

Identifying gaps in the care of older Albertans with cancer: Analysis of patient-reported, clinical, administrative, and survey datasets

Dr. Fay Strohschein
University of Calgary

Prevalence of Preexisting Cognitive Impairment in Patients Treated for Cancer and Its Impact on Cognitive Outcomes

Nelly Toledano
University of Toronto

Care Provided by Older Adult Caregivers to a Spouse in Active Cancer Treatment: A Scoping Review

Mrs. Valentina Donison
University of Toronto

Comprehensive geriatric assessment and management for Canadian elders with Cancer: the 5C study

Dr. Martine Puts
University of Toronto

Self-management interventions for issues identified in a geriatric assessment: a systematic review

Mrs. Valentina Donison
University of Toronto

1:15 – 1:30 pm

Break

1:30 – 2:30 pm

ORAL 4C - Concurrent Session with Q&A - Patient Engagement

The top ten research priorities for early stage colorectal cancer: A Canadian patient oriented priority setting partnership

Dr. Colleen Cuthbert
University of Calgary

Real-world implementation of an electronic patient-reported outcomes program in cancer centres in Quebec (e-IMPAQc): successes, challenges, and lessons learned

Dr. Sylvie Lambert
McGill University

Operationalizing Patient Identified Priorities in the Breast Cancer Community

Ms. Jenn Gordon
Canadian Breast Cancer Network

ORAL 4D - Concurrent Session with Q&A - Bioinformatics and AI

Meta-analysis of preclinical pharmacogenomics studies for biomarker discovery

Dr. Benjamin Haibe-Kains
University Health Network

Evolution of large copy number variants in breast cancer through genetic network rewiring

Dr. Elena Kuzmin
McGill University



Multi-omic classification and characterization of pancreatic neuroendocrine neoplasms

Dr. Sharon Gorski
BC Cancer

1:30 – 2:00 pm

LS 4C - Lightning Session and Discussion – Prevention

Mental Health Disorders, Cancer Risk, and the Mediating Role of Health Behaviours in the CARTaGENE Cohort Study

Miss Kaitlyn Gilham
The University of British Columbia

TBC

Long working hours and prostate cancer risk: results from a population-based case-control study

Miss Charlotte Salmon
Institut national de la recherche scientifique - Centre Armand-Frappier Santé Biotechnologie

TBC

Dietary antioxidant formulation reduces carcinogen-induced DNA damage in bronchial epithelial cells in vitro

Dr. Jose Merlin Jayaraj
Dalhousie University

2:00 – 2:30 pm

LS 4D - Lightning Session and Discussion - Risque de cancer et prévention primaire (in French)

Effets de pesticides agricoles sur le transcriptome de cellules cancéreuses

Miss Nadia Côté
Université de Sherbrooke

Sleep duration and ovarian cancer risk

Mrs. Flavie Marquis
Université de Montréal

Omega-3 fatty acids and inflammatory markers expression in normal breast tissue

Dr. Kaoutar Ennour-Idrissi
Laval University

Quality of life for men at risk of prostate cancer: a descriptive analysis from a large Canadian cohort

Ms. Roxane Tourigny
CHU de Québec, Université Laval

UVR on skin tissues induce the retrotransposon LINE-1 expression reactivation

Miss Marine Lambert
Research Institute of MUHC

2:30 – 2:45 pm

Break



The Canadian Cancer
Research Conference

La conférence canadienne
sur la recherche sur le cancer

2:45 – 4:15 pm

Keynote Session and Panel Discussion - Understanding and Managing Risk - The saga of hereditary cancer

Moderators:

Dr. Jacque Simard
*Centre de recherche du CHU de Quebec,
Université Laval*

Ms. Nathalie Baudais
Patient and Family Representative

TBC

Dr. David Huntsman
BC Cancer, University of British Columbia

TBC

TBC

TBC

Dr. Nadine Caron
University of Northern British Columbia

4:15 – 4:30 pm

CCRC 2021 Wrap Up