CONFERENCE SCHEDULE

8:00  Registration and light breakfast
      LOBBY & AUGUSTUS III/IV

8:40  Welcome and Patient Perspective
      AUGUSTUS III/IV

9:00  Keynote Address: Jacqueline Sara Jeruss, MD, PhD, University of Michigan
      “Translating Breast Cancer Research into Clinical Practice”
      AUGUSTUS III/IV

9:35  Rapid Fire Session
      AUGUSTUS III/IV

ABSTRACT 001
SAFE HARBOR TARGETED CRISPR/CAS9 TOOLS FOR MOLECULAR-GENETIC IMAGING OF CELLS IN LIVING SUBJECTS
Veronica Dubois
Presenter Affiliation: Western University

ABSTRACT 002
CYCLIN-LIKE PROTEINS TIP REGENERATIVE BALANCE IN THE LIVER TO FAVOUR CANCER FORMATION
Bre-Anne Fifield
Presenter Affiliation: University of Windsor

ABSTRACT 003
NUAK1 IS REGULATED BY OVARIAN CANCER SPHEROIDS TO CONTROL CELL GROWTH, VIABILITY, AND ADHESION
Jamie Fritz
Presenter Affiliation: Mary and John Knight Translational Ovarian Cancer Research Unit, Lawson Health Research Institute; Department of Anatomy and Cell Biology, Western University

ABSTRACT 004
TRENDS IN VITAL SIGNS IN RELATION TO PATIENT OUTCOMES DURING INDUCTION PHASE IN TREATMENT OF ACUTE LEUKEMIA
Katharine McLaughlin and Amanda Stojcevski
Presenter Affiliation: Schulich School of Medicine and Dentistry

ABSTRACT 005
A NOVEL MOLECULAR IMAGING MODEL TO NONINVASIVELY STUDY THE IMPACT OF A PRIMARY TUMOUR ON BRAIN METASTASIS IN A MOUSE MODEL OF BREAST CANCER
Katie Parkins
Presenter Affiliation: Western University
ABSTRACT 006
DIGITAL ULTRASONIC HISTOLOGY FOR SKIN CANCER DIAGNOSIS
Naila Rahman
Presenter Affiliation: University of Windsor, IDIR

ABSTRACT 007
GENOMIC SIGNATURES: MACHINE LEARNING AND DIGITAL SIGNAL PROCESSING OF GENOMIC SEQUENCES PROVIDES ULTRAFAST AND ACCURATE CLASSIFICATION OF CANCER GENOMES
Gurjit Randhawa
Presenter Affiliation: Western University

ABSTRACT 008
ULK1 REGULATION OF AUTOPHAGY IN HIGH GRADE SEROUS OVARIAN CANCER (HGSOC) SPHEROIDS
Bipradeb Singha
Presenter Affiliation: Western University; Mary and John Knight Translational Ovarian Cancer Research Unit, Lawson Health Research Institute

ABSTRACT 009
INTRAOPERATIVE IMAGING OF EX Vivo BREAST-CONSERVING SURGERY SPECIMENS USING PHOTOACOUSTIC TOMOGRAPHY FOR TUMOUR MARGIN ASSESSMENT
Lawrence Yip
Presenter Affiliation: Western University

10:00 Break
10:15-12:00 Concurrent Session A

Moderator: Ken Schneider, WCRG, Windsor Regional Hospital

ABSTRACT 010
A PROSPECTIVE NON-RANDOMIZED CLINICAL TRIAL OF ADJUVANT CARBOPLATIN CHEMOTHERAPY IN TRIPLE NEGATIVE BREAST CANCER
Caroline Hamm
Presenter Affiliation: Windsor Regional Hospital

ABSTRACT 011
RECOGNIZING THE IMPORTANCE OF THE TRAUMATIC NATURE OF MEDICINE
Mitchell Elliott
 Presenter Affiliation: University of Toronto, Faculty of Medicine

ABSTRACT 012
A CROSS-SECTIONAL STUDY OF PALLIATIVE CARE NURSE ATTITUDES TOWARD MEDICAL ASSISTANCE IN DYING
Laurie Freeman
Presenter Affiliation: University of Windsor, Faculty of Nursing
ABSTRACT O13
CANCER SURVIVORS' EXPERIENCES REMAINING IN THE WORKFORCE OR RETURNING TO THE WORKFORCE AFTER TREATMENT
Debbie Kane
Presenter Affiliation: University of Windsor

ABSTRACT O14
A PRELUDE TO PRECISION MEDICINE: THE SEARCH FOR NEW BIOMARKERS
Paola Marignani
Presenter Affiliation: Dalhousie University

10:15-12:00 Concurrent Session B

Moderator: Otis Vacratsis, WCRG, University of Windsor

ABSTRACT O15
ULTRA-HIGH RESOLUTION ACOUSTIC MICROSCOPY FOR CANCER STUDIES
Ina Seviaryna
Presenter Affiliation: University of Windsor

ABSTRACT O16
NOVEL TUMOR SUPPRESSOR FUNCTIONS OF RHAMM CONTRIBUTE TO INCREASED PYMT-MMTV MAMMARY TUMOR METASTASIS
Cornelia Tolg
Presenter Affiliation: London Health Sciences Centre

ABSTRACT O17
HIF-2A-VHL CO-CRYSTAL STRUCTURE REVEALS AN UNDERSTANDING OF GENOTYPE-PHENOTYPE CORRELATIONS IN HIF-2A-DRIVEN DISEASE
Daniel Tarade
Presenter Affiliation: University of Toronto

ABSTRACT O18
EPICLOMAL: PROBABILISTIC CLUSTERING OF SPARSE SINGLE-CELL DNA METHYLATION DATA
Camila de Souza
Presenter Affiliation: Western University

ABSTRACT O19
A H2AX-CARP-1 INTERACTION REGULATES APOPTOSIS SIGNALING FOLLOWING DNA DAMAGE
Arun K. Rishi
Presenter Affiliation: Wayne State University School of Medicine, Department of Oncology

12:00-2:00 Lunch
12:30-2:00 Poster Session

2:00-4:00 Joint session
Moderators: Caroline Hamm, WCRG, Windsor Regional Hospital and Lisa Porter, WCRG, University of Windsor

ABSTRACT O20
DANCES OF THE CURE-ABBEAN: ROLES OF KAISO IN THE RACIAL DISPARITY OF TRIPLE NEGATIVE BREAST CANCER IN WOMEN OF AFRICAN ANCESTRY
Juliet Daniels
Presenter Affiliation: McMaster University

ABSTRACT O21
SIALIC ACID METABOLISM DRIVES BREAST CANCER METASTASIS
Sophia Lunt
Presenter Affiliation: Michigan State University

ABSTRACT O22
IMAGING CELLS OF THE TUMOUR MICROENVIRONMENT WITH MRI
Paula Foster
Presenter Affiliation: Western University

ABSTRACT O23
CELLULAR STRESS SIGNALLING AS A POTENTIAL VULNERABILITY IN METASTATIC OVARIAN CANCER
Trevor Shepherd
Presenter Affiliation: Western University

ABSTRACT O24
IDENTIFICATION OF BIOMARKERS AND TARGETS TO IMPROVE OUTCOME FOR METASTATIC NEUROBLASTOMA
Meredith Irwin
Presenter Affiliation: Sick Kids, Toronto, ON

4:00-5:30 Networking – Cheers to Hope!
- University of Windsor Alumni Association Student Research Excellence Award presentations
- People’s Choice Award
- Closing remarks