


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 <i>“Translating Breast Cancer Research into Clinical Practice”</i>	AUGUSTUS III/IV
9:35	 Rapid Fire Session ABSTRACT O01 SAFE HARBOR TARGETED CRISPR/CAS9 TOOLS FOR MOLECULAR-GENETIC IMAGING OF CELLS IN LIVING SUBJECTS Veronica Dubois Presenter Affiliation: Western University ABSTRACT O02 CYCLIN-LIKE PROTEINS TIP REGENERATIVE BALANCE IN THE LIVER TO FAVOUR CANCER FORMATION Bre-Anne Fifield Presenter Affiliation: University of Windsor ABSTRACT O03 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 O04 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 O05 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	AUGUSTUS III/IV

ABSTRACT O06

DIGITAL ULTRASONIC HISTOLOGY FOR SKIN CANCER DIAGNOSIS

Naila Rahman

Presenter Affiliation: University of Windsor, IDIR

ABSTRACT O07

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 O08

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 O09

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

MERCURI

Moderator: *Ken Schneider, WCRG, Windsor Regional Hospital*

ABSTRACT O10

A PROSPECTIVE NON-RANDOMIZED CLINICAL TRIAL OF ADJUVANT CARBOPLATIN CHEMOTHERAPY IN TRIPLE NEGATIVE BREAST CANCER

Caroline Hamm

Presenter Affiliation: Windsor Regional Hospital

ABSTRACT O11

RECOGNIZING THE IMPORTANCE OF THE TRAUMATIC NATURE OF MEDICINE

Mitchell Elliott

Presenter Affiliation: University of Toronto, Faculty of Medicine

ABSTRACT O12

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

MARTIS

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

AUGUSTUS II

12:30-2:00 Poster Session

AUGUSTUS II

2:00-4:00 Joint session

AUGUSTUS III/IV

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!

AUGUSTUS III/IV

- University of Windsor Alumni Association Student Research Excellence Award presentations
- People's Choice Award
- Closing remarks