



Windsor Cancer Research Group

2<sup>nd</sup> Biennial

# INTERNATIONAL CANCER RESEARCH CONFERENCE



NOVEMBER 22, 2014

Caesars Windsor Convention Centre  
Windsor – Ontario – Canada



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of Windsor



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## CONFERENCE OVERVIEW

8:00 am	Registration, light breakfast and poster set up	LOBBY & AUGUSTUS II
8:45 am	Welcome	AUGUSTUS II
9:00 am	Opening Keynote Address: <b>HAS ANYONE EVER ACTUALLY BEEN HARMED BECAUSE OF A BREACH OF PROPERLY DE-IDENTIFIED HEALTH RESEARCH DATA?</b> <i>Dr. Craig Earle, Ontario Institute for Cancer Research (OICR)</i>	AUGUSTUS II
10:00 am – 12 pm	Joint Session <b>Moderators:</b> <i>Caroline Hamm, WCRG, Windsor Regional Cancer Centre and Dora Cavallo-Medved, WCRG, University of Windsor</i>	AUGUSTUS II
12:15 pm	Lunch	AUGUSTUS II
1:30 – 3:30 pm	Concurrent Break Out Session A <b>Moderators:</b> <i>Swati Kulkarni, WCRG, Windsor Regional Cancer Centre and Glenn Bauman, London Regional Cancer Program at Victoria Hospital and Schulich School of Medicine and Dentistry at Western University</i>	MERCURI
1:30 – 3:30 pm	Concurrent Break Out Session B <b>Moderators:</b> <i>Otis Vacratsis, WCRG, University of Windsor and Gabriel DiMattia, London Regional Cancer Centre</i>	MARTIS
4:00 – 5:55 pm	Poster session	AUGUSTUS I
6:00 pm	Banquet featuring Keynote Address: <b>THE FALLOPIAN TUBE AS A PLATFORM FOR UNDERSTANDING OVARIAN CANCER PATHOGENESIS AND DRIVING DRUG DISCOVERY</b> <i>Dr. Ron Drapkin, Dana-Farber Cancer Institute</i>	AUGUSTUS II

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## CONFERENCE PROGRAM SCHEDULE

<b>8:00 am</b>	Registration, light breakfast and poster set up	<b>LOBBY &amp; AUGUSTUS II</b>
<b>8:45 am</b>	Welcome	<b>AUGUSTUS II</b>
<b>9:00 am</b>	Opening Keynote Address: <b>HAS ANYONE EVER ACTUALLY BEEN HARMED BECAUSE OF A BREACH OF PROPERLY DE-IDENTIFIED HEALTH RESEARCH DATA?</b> <i>Dr. Craig Earle, Ontario Institute for Cancer Research (OICR)</i>	<b>AUGUSTUS II</b>
<b>10:00 am – 12:00 pm</b>	Joint Session  <i><b>Moderators:</b> Caroline Hamm, WCRG, Windsor Regional Cancer Centre and Dora Cavallo-Medved, WCRG, University of Windsor</i>  ABSTRACT O1 <b>KISS1R SIGNALLING IN TRIPLE NEGATIVE BREAST CANCER</b> <b>Moshmi Bhattacharya</b> Presenter Affiliation: Western University, Department of Physiology and Pharmacology, Oncology  ABSTRACT O2 <b>“IT IS NOT EASY, THEREFORE A LOT OF PEOPLE THEY DO NOT WANT TO GO”: EXAMINING THE CANCER SCREENING PRACTICES FOR MUSLIM WOMEN</b> <b>Jamie Crawley</b> Presenter Affiliation: University of Windsor, Faculty of Nursing,  ABSTRACT O3 <b>PERSONALIZED CANCER THERAPY: ARMED SERIAL KILLER T CELLS AS CANCER VACCINES</b> <b>Lawrence Lum</b> Presenter Affiliation: Wayne State University and Karmanos Cancer Institute  ABSTRACT O4 <b>TUMOR ASSOCIATED MONOCYTES AUGMENT INVASION OF INFLAMMATORY BREAST CANCER CELLS VIA PROTEOLYTIC ACTIVITY AND EPITHELIAL MESENCHYMAL TRANSITION-DEPENDENT MECHANISMS</b> <b>Mona Mostafa Mohamed</b> Presenter Affiliation: Faculty of Science, Cairo University, Giza, Egypt	<b>AUGUSTUS II</b>

ABSTRACT O5

**COMPLEXITY OF NATURAL HEALTH PRODUCTS: GOOD OR BAD?  
ANTICANCER ACTIVITY OF LONG PEPPER EXTRACT (POLYCHEMICAL  
MIXTURE) VERSUS PURE PIPERLONGUMINE**

**Pandey Siyaram**

Presenter Affiliation: Department of Chemistry and Biochemistry,  
University of Windsor

**12:15 pm**

Lunch

**AUGUSTUS II**

**1:30 –  
3:30 pm**

Concurrent Break Out Session A

**MERCURI**

***Moderators:*** Swati Kulkarni, WCRG, Windsor Regional Cancer Centre  
and Glenn Bauman, London Regional Cancer Program at Victoria  
Hospital and Schulich School of Medicine and Dentistry at Western  
University

ABSTRACT O6

**OUTCOMES OF PATIENTS WITH TRIPLE NEGATIVE BREAST CANCER  
COMPARED TO NON-TRIPLE NEGATIVE BREAST CANCER. A SINGLE  
CENTRE STUDY**

**Caroline Hamm**

Presenter Affiliation: Schulich School of Medicine, University of  
Windsor and Windsor Cancer Research Group

ABSTRACT O7

**USE AND IMPACT OF INTERMITTENT VERSUS CONTINUOUS  
SYSTEMIC TREATMENT STRATEGIES IN METASTATIC COLORECTAL  
CANCER IN ROUTINE PRACTICE**

**Amin Kay**

Presenter Affiliation: Windsor Regional Cancer Centre and University  
of Toronto

ABSTRACT O8

**FIRST NATIONS AND MÉTIS PEOPLES' PERSPECTIVES AND  
EXPERIENCES CONCERNING CANCER SCREENING IN  
SOUTHWESTERN ONTARIO**

**Heather Krohn**

Presenter Affiliation: Faculty of Nursing, University of Windsor



ABSTRACT O9

**INTENSITY MODULATED RADIOTHERAPY IMPROVED HEAD AND NECK CANCER OUTCOME IN WINDSOR ONTARIO**

**Ming Pan**

Presenter Affiliation: Windsor Regional Hospital Cancer Program

ABSTRACT O10

**TREATMENT OUTCOMES OF PATIENTS DURING THE FIRST 10 YEARS OF THE WINDSOR REGIONAL CANCER CENTRE HIGH-DOSE-RATE (HDR) PROSTATE BRACHYTHERAPY PROGRAM**

**Colvin Springer**

Presenter Affiliation: Windsor Regional Hospital

ABSTRACT O11

**CT-PERFUSION MEASUREMENTS AS A PREDICTOR OF PATIENT OUTCOME FOR TRANSARTERIAL CHEMOEMBOLIZATION (TACE) OF LIVER TUMORS**

**Mark Dekaban**

Presenter Affiliation: Department of Medical Biophysics, University of Western Ontario; Imaging Research Labs, Robarts Research Institute

**1:30 –  
3:30 pm**

Concurrent Break Out Session B

**MARTIS**

***Moderators:*** *Otis Vacratsis, WCRG, University of Windsor and Gabriel DiMattia, London Regional Cancer Centre*

ABSTRACT O12

**SOLID LIPID NANOPARTICLES AS CHEMO PREVENTIVE TOPICAL DELIVERY SYSTEM IN SKIN CANCER MICE MODEL.**

**Tranum Kaur**

Presenter Affiliation: Department of Chemistry and Biochemistry, University of Windsor

ABSTRACT O13

**STUDYING TUMOUR METABOLISM; USING HYPERPOLARIZED <sup>13</sup>C PYRUVATE MAGNETIC RESONANCE IMAGING.**

**Heeseung Lim**

Presenter Affiliation: Medical Biophysics, Western University

ABSTRACT O14

**TAFIA IS A NOVEL INHIBITOR OF TUMOUR ANGIOGENESIS IN BREAST CANCER**

**Jennifer Balun**

Presenter Affiliation: Department of Chemistry and Biochemistry,  
University of Windsor

ABSTRACT O15

**NOVEL CELL CYCLE IN MAMMARY GLAND DEVELOPMENT:  
IMPLICATIONS OF SPY1 IN MAMMARY TUMOUR SUSCEPTIBILITY**

**Bre-Anne Fifield**

Presenter Affiliation: Department of Biological Sciences, University  
of Windsor

ABSTRACT O16

**TOWARDS A MODEL FOR THE POLO-LIKE KINASES AND EPIGENETIC  
REGULATION**

**Alejandra Ward**

Presenter Affiliation: Department of Biological Sciences, University  
of Windsor

**4:00 –  
5:55 pm**

Poster session

**AUGUSTUS I**

**6:00 pm**

Banquet featuring Keynote Address:

**THE FALLOPIAN TUBE AS A PLATFORM FOR UNDERSTANDING  
OVARIAN CANCER PATHOGENESIS AND DRIVING DRUG DISCOVERY**

*Dr. Ron Drapkin, Dana-Farber Cancer Institute*

**AUGUSTUS II**

## ORAL PRESENTATIONS

### JOINT SESSION – AUGUSTUS II

#### ABSTRACT O1

##### **KISS1R SIGNALLING IN TRIPLE NEGATIVE BREAST CANCER**

**Moshmi Bhattacharya\***

Presenter Affiliation: Western University, Department of Physiology and Pharmacology, Oncology

#### ABSTRACT O2

##### **“IT IS NOT EASY, THEREFORE A LOT OF PEOPLE THEY DO NOT WANT TO GO”: EXAMINING THE CANCER SCREENING PRACTICES FOR MUSLIM WOMEN**

**Jamie Crawley\***, Israa El-Masri, Maher El-Masri

Presenter Affiliation: University of Windsor, Faculty of Nursing,

#### ABSTRACT O3

##### **PERSONALIZED CANCER THERAPY: ARMED SERIAL KILLER T CELLS AS CANCER VACCINES**

**Lawrence Lum\***

Presenter Affiliation: Wayne State University and Karmanos Cancer Institute

#### ABSTRACT O4

##### **TUMOR ASSOCIATED MONOCYTES AUGMENT INVASION OF INFLAMMATORY BREAST CANCER CELLS VIA PROTEOLYTIC ACTIVITY AND EPITHELIAL MESENCHYMAL TRANSITION-DEPENDENT MECHANISMS**

**Mona Mostafa Mohamed\***, Eslam A. El-Ghonaimy, M. Akram Nouh, Robert J. Schneider, Dora Cavallo-Medved, Bonnie F. Sloane, Mohamed El-Shinawi

Presenter Affiliation: Faculty of Science, Cairo University, Giza, Egypt

#### ABSTRACT O5

##### **COMPLEXITY OF NATURAL HEALTH PRODUCTS: GOOD OR BAD? ANTICANCER ACTIVITY OF LONG PEPPER EXTRACT (POLYCHEMICAL MIXTURE) VERSUS PURE PIPERLONGUMINE**

**Pandey Siyaram\***, Pamela Ovadje, Dennis Ma, Philip Tremblay, Ammar Saleem, Jose-Antonio Guerrero, John Thor Arnason

Presenter Affiliation: Department of Chemistry and Biochemistry, University of Windsor

## **BREAK OUT SESSION A – MERCURI MEETING ROOM**

### **ABSTRACT O6**

#### **OUTCOMES OF PATIENTS WITH TRIPLE NEGATIVE BREAST CANCER COMPARED TO NON-TRIPLE NEGATIVE BREAST CANCER. A SINGLE CENTRE STUDY**

**Caroline Hamm\***, Maher El-Masri, S. Kulkarni, R. Gupta, Y. Alam, J. Mathews, A. Ghafoor, T. Elfiki, S. Kanjeekal, M. Pan, K. Schneider, J. Yousuf, C. Springer, K. Hirmiz

Presenter Affiliation: Schulich School of Medicine, University of Windsor and Windsor Cancer Research Group

### **ABSTRACT O7**

#### **USE AND IMPACT OF INTERMITTENT VERSUS CONTINUOUS SYSTEMIC TREATMENT STRATEGIES IN METASTATIC COLORECTAL CANCER IN ROUTINE PRACTICE**

**Amin Kay\***, Lingsong Yun, Nathan Taback, Monika K. Krzyzanowska

Presenter Affiliation: Windsor Regional Cancer Centre and University of Toronto

### **ABSTRACT O8**

#### **FIRST NATIONS AND MÉTIS PEOPLES' PERSPECTIVES AND EXPERIENCES CONCERNING CANCER SCREENING IN SOUTHWESTERN ONTARIO**

**Heather Krohn\***, Maher El-Masri, Neelu Sehgal, Audrey Logan,

Presenter Affiliation: Faculty of Nursing, University of Windsor

### **ABSTRACT O9**

#### **INTENSITY MODULATED RADIOTHERAPY IMPROVED HEAD AND NECK CANCER OUTCOME IN WINDSOR ONTARIO**

**Ming Pan\***, Ken Schneider, Swati Kulkarni, Daphne Southcott, Yasmin Alam, Pamathy Vivek, Rasna Gupta, Akmal Ghafoor, John Mathews, Tarek A. Elfiki, Sindu Mary Kanjeekal, Khalid Hirmiz, Junaid Yousuf, Colvin Springer, Caroline M. Hamm

Presenter Affiliation: Windsor Regional Hospital Cancer Program

### **ABSTRACT O10**

#### **TREATMENT OUTCOMES OF PATIENTS DURING THE FIRST 10 YEARS OF THE WINDSOR REGIONAL CANCER CENTRE HIGH-DOSE-RATE (HDR) PROSTATE BRACHYTHERAPY PROGRAM**

**Colvin Springer\***, Junaid Yousuf, Khalid Hirmiz, Ming Pan, Ron Sorensen, Siobhan Ozard, Elizabeth Skeates, Jennifer Stone

Presenter Affiliation: Windsor Regional Hospital

### **ABSTRACT O11**

#### **CT-PERFUSION MEASUREMENTS AS A PREDICTOR OF PATIENT OUTCOME FOR TRANSARTERIAL CHEMOEMBOLIZATION (TACE) OF LIVER TUMORS**

**Mark Dekaban\***, Errol Stewart, Nirmal Kakani, Amol Mujoomdar, Yong Wang, Ting-Yim Lee, Aaron Fenster

Presenter Affiliation: Department of Medical Biophysics; University of Western Ontario; Imaging Research Labs, Robarts Research Institute

\*Presenting Author



## **BREAK OUT SESSION B – MARTIS MEETING ROOM**

### **ABSTRACT O12**

#### **SOLID LIPID NANOPARTICLES AS CHEMO PREVENTIVE TOPICAL DELIVERY SYSTEM IN SKIN CANCER MICE MODEL.**

**Tranum Kaur\***, Indu Pal Kaur

Presenter Affiliation: Department of Chemistry and Bio-chemistry, University of Windsor,

### **ABSTRACT O13**

#### **STUDYING TUMOUR METABOLISM; USING HYPERPOLARIZED <sup>13</sup>C PYRUVATE MAGNETIC RESONANCE IMAGING.**

**Heeseung Lim\***, Kundan Thind, Timothy Pok Chi Yeung

Presenter Affiliation: Medical Biophysics, Western University, London, Ontario, Canada

### **ABSTRACT O14**

#### **TAFIA IS A NOVEL INHIBITOR OF TUMOUR ANGIOGENESIS IN BREAST CANCER**

**Jennifer Balun\***, Lisa A. Porter, Dora Cavallo-Medved, Michael B Boffa

Presenter Affiliation: Department of Chemistry and Biochemistry, University of Windsor

### **ABSTRACT O15**

#### **NOVEL CELL CYCLE IN MAMMARY GLAND DEVELOPMENT: IMPLICATIONS OF SPY1 IN MAMMARY TUMOUR SUSCEPTIBILITY**

**Bre-Anne Fifield\***, RD Cardiff, LA Porter

Presenter Affiliation: Department of Biological Sciences, University of Windsor

### **ABSTRACT O16**

#### **TOWARDS A MODEL FOR THE POLO-LIKE KINASES AND EPIGENETIC REGULATION**

**Alejandra Ward\***, Gayathri Sivakumar, John Hudson

Presenter Affiliation: Department of Biological Sciences, University of Windsor

## **POSTER PRESENTATIONS – AUGUSTUS I**

ABSTRACT P01

### **TUBERIN EXPRESSION AND FUNCTION IN MAMMALIAN BRAIN DEVELOPMENT**

**Bashaer Abu Khatir\***

Presenter affiliation: University of Windsor

ABSTRACT P02

### **EVALUATION OF ANTI-CANCER ACTIVITY OF SYNTHETIC ANALOGUES OF CURCUMIN ALONE & IN COMBINATION WITH PIPERLONGUMINE**

**Scott Adams\***, Kristen Larocque, Dennis Ma, Tyler Gilbert, Chris Pignanelli, Melissa Cowell, Fatmeh Hourani, Jesse Ropat, Megan Noel, Rabia Hadi, Yi Wang, Guang Liang, Siyaram Pandey

Presenter affiliation: University of Windsor

ABSTRACT P03

### **QUANTITATIVE EVALUATION OF VASCULAR RESPONSE FOLLOWING FOCUSED ULTRASOUND AND MICROBUBBLE TREATMENT IN THE CONTEXT OF IMPROVING DRUG DELIVERY**

**Hassaan Ahmed,\*** Rajiv Chopra, Kullervo Hynynen, Ting Lee

Presenter affiliation: Western University

ABSTRACT P04

### **TARGETED-ALBUMIN IMAGING IN SOLID TUMOURS USING DELTA RELAXATION-ENHANCED MAGNETIC RESONANCE IMAGING (DREMR)**

**Yonathan Araya\***, Francisco Martinez-Santesteban, Chad Harris, William Handler, Paula Foster, Blaine Chronik, Timothy Scholl

Presenter affiliation: Western University

ABSTRACT P05

### **COLONIC TUMORS EXPRESS LOW LEVEL OF LDL RECEPTOR PROTEIN : AN INVESTIGATION INTO THE UNDERLYING MECHANISM**

**Vaishali Basu\***

Presenter affiliation: University of Windsor

ABSTRACT P06

### **ROLE OF KISS1R IN BREAST CANCER CHEMORESISTANCE**

**Alexandra Blake,\*** Magdalena Dragan, Rommel Tirona, Moshmi Bhattacharya

Presenter affiliation: University of Western Ontario

ABSTRACT P07

**COMPARISON OF SURVIVAL IN PANCREATIC DUCTAL ADENOCARCINOMA PATIENTS TREATED WITH ADJUVANT OR CHEMOTHERAPY VERSUS SURGICAL RESECTION OR SUPPORTIVE THERAPY RESPECTIVELY**

**Michael Blaszak\***, Maher El-Masri, Khalid Hirmiz

Presenter affiliation: Schulich School of Medicine & Dentistry, Western University

ABSTRACT P 08

**UTILIZATION OF A NOVEL G2 REPORTER SYSTEM IN THE STUDY OF THE TUBERIN-CYCLIN B1 INTERACTION**

**Sabrina Botsford\***, Elizabeth Fidalgo da Silva, Lisa A. Porter

Presenter affiliation: Schulich School of Medicine and Dentistry - University of Windsor Campus

ABSTRACT P09

**FASCAPLYSIN ACTS BY MULTIPLE MECHANISMS INCLUDING DNA INTERCALATION**

**Nicholas Carruthers\***, Paul Stemmer, Frederick Valeriote

Presenter affiliation: Wayne State University

ABSTRACT P10

**IDENTIFICATION OF ALTERNATIVE RNA SPLICING AS A KEY REGULATOR OF CANCER EVOLUTION USING A PHOSPHOPROTEOMIC –BASED SYSTEMS APPROACH.**

**Joseph Caruso\***, Paul Stemmer, Alan Dombkowski

Presenter affiliation: Wayne State University

ABSTRACT P11

**ROLE OF CAVEOLIN-1 IN THE PROSTATE TUMOUR MICROENVIRONMENT**

**Dora Cavallo-Medved\***, Lisa Porter, Deborah Rudy

Presenter affiliation: University of Windsor

ABSTRACT P12

**PLK4 HETEROZYGOSITY AND THE DEREGLATION OF DNMT3A**

**Andrei Cerghet\***, Alejandra Ward, John Hudson

Presenter affiliation: University of Windsor

ABSTRACT P13

**THE ACETYLENIC TRICYCLIC BIS-(CYANO ENONE) INTERACTS WITH CYSTEINE RESIDUES ON ACTIN TO INHIBIT NON-SMALL CELL LUNG CANCER CELL MIGRATION**

**Eddie Chan\***, Akira Saito, Peter C. Cavanaugh, Jimmy Dikeakos, Tadashi Honda, Gianni M. Di Guglielmo,

Presenter affiliation: University of Western Ontario

ABSTRACT P14

**MONITORING THE MITOTIC TRANSITION THROUGH TIME LAPSE FLUORESCENCE**

**Jessica Dare\***; **Marisa Market\***, Sabrina Botsford, Elizabeth Fidalgo Da Silva, Lisa A. Porter

Presenter affiliation: University of Windsor

\*Presenting Author

ABSTRACT P15

**THE ROLE OF AMINO ACIDS IN INITIATING INSULIN RESISTANCE WITHIN SKELETAL MUSCLE**

**Preet Dhillon\***, Kanwar Dhaliwal

Presenter affiliation: Schulich School of Medicine and Dentistry/ York University

ABSTRACT P16

**THE PRIMARY CLERK MODEL: EMBEDDING A CLERK IN THE HEALTH CARE TEAM**

**Jen Difazio\***, Caroline Hamm, Suzanne Purves, Claudia den Boers

Presenter affiliation: Windsor Regional Cancer Program

ABSTRACT P17

**THE ROLE OF SPY1 IN BREAST CANCER TREATMENT RESISTANCE**

**Rosa-Maria Ferraiuolo\***, Janice Tubman, Indrajit Sinha, Caroline Hamm, Lisa A. Porter

Presenter affiliation: University of Windsor

ABSTRACT P18

**INTERACTIONS BETWEEN TUBERIN AND CYCLIN B1 FUNCTION AS A G2/M GROWTH FACTOR SENSOR**

**Elizabeth Fidalgo da Silva\***, Kaitlin Martinello, Miranda Hanna, Lisa Porter

Presenter affiliation: University of Windsor

ABSTRACT P19

**BREAST CANCER SUBTYPES IDENTIFICATION USING A HIERARCHICAL CLASSIFICATION MODEL**

**Forough Firoozbakht\***, Iman Rezaeian, Lisa Porter, Luis Rueda

Presenter affiliation: University of Windsor, School of Computer Science

ABSTRACT P20

**A RETROSPECTIVE COMPARISON OF HIGH DOSE RATE BRACHYTHERAPY AND EXTERNAL BEAM RADIOTHERAPY IN THE TREATMENT OF HIGH RISK CLINICALLY LOCALIZED PROSTATE CANCER**

**Dan Gillett\***, **Umair Majid\***, Junaid Yousuf, Abeer Omar, Colvin Springer, Khalid Hirmiz, Ming Pan, Sindu Kanjeekal, John Matthews, Yasmin Alam, Tarek Elfiki, Akmal Ghafoor, Rasna Gupta, Caroline Hamm, Swati Kulkarni, Ken Schneider

Presenter affiliation: Windsor Regional Hospital

ABSTRACT P21

**GADD45A, A SUBSTRATE OF POLO-LIKE KINASE 4, IMPLICATES THE PROTEIN KINASE WITH A NOVEL ROLE IN THE DNA DAMAGE SIGNALING NETWORK**

**Natalie Gosselin\***, Gayathri Sivakumar, Alejandra Ward, Bing Wu, Anna Kozarova, John W. Hudson

Presenter affiliation: University of Windsor

ABSTRACT P22

**ASSESSING BRAIN METASTASES DUE TO BREAST CANCER AND MELANOMA USING CELLULAR MAGNETIC RESONANCE IMAGING**

**Mariama Henry\***, Carmen Simeanea, Catherine McFadden, Yuhua Chen, Paula J. Foster

Presenter affiliation: Western University/ University of Windsor

\*Presenting Author

ABSTRACT P23

**HEMATOLOGICAL TOXICITIES IN PATIENTS WITH NEWLY DIAGNOSED GLIOBLASTOMA ON COMBINED RADIATION AND TEMOZOLAMIDE- SINGLE INSTITUTION EXPERIENCE**

**Swati Kulkarni\***, Z. Alam, K. Schneider, K. Hirmiz

Presenter affiliation: Windsor Regional Cancer Program, Windsor / Medical Oncologist

ABSTRACT P24

**DEXAMETHASONE VARIABLY PROTECTS TRIPLE NEGATIVE BREAST CANCER CELLS AGAINST PACLITAXEL DEPENDING ON RELATIVE CELLULAR LEVELS OF GLUCOCORTICOID RECEPTOR ALPHA**

**Roselyne Labbe\***, Rafa Khansa, Austin Belfiori, Miriam Bukhsh, Mugdha Patki, Manohar Ratnam, David Gorski, Cecilia Speyer

Presenter affiliation: Wayne State University School of Medicine

ABSTRACT P25

**HIGH INCIDENCE OF SPLENOMEGALY AND SPLEEN TUMOURS IN PLK4 HETEROZYGOUS MICE: A POTENTIAL MONOCLONAL GAMMOPATHY MOUSE MODEL**

**Brayden LaBute\***, Alejandra Ward, John Hudson

Presenter affiliation: University of Windsor

ABSTRACT P26

**A REVIEW OF EMERGENCY DEPARTMENT (ED) VISITS BY WRCC HAEMATOLOGY PATIENTS**

**Christopher Langley\***, Caroline Hamm

Presenter affiliation: Schulich School of Medicine & Dentistry, Western University

ABSTRACT P27

**FUNCTIONAL CFTR SUPPRESSES LUNG CANCER TUMORIGENESIS AND PROGRESSION VIA MODULATING EGFR SIGNALING**

**Chunying Li\***, Yuning Hou , Guan, Xiaoqing, Zhe Yang, Fei Sun, Chunying Li

Presenter affiliation: Wayne State University

ABSTRACT P28

**EXPLOITING MITOCHONDRIAL VULNERABILITIES WITH PANCRATISTATIN & PANCRATISTATIN ANALOGUES IN COMBINATION WITH CURCUMIN, TAMOXIFEN, & PIPERLONGUMINE FOR CANCER THERAPY**

**Dennis Ma\***, Daniel Tarade , Scott Adams , Tyler Gilbert , Chris Pignanelli, Melissa Cowell, Sergey Vshyvenko, Tomas Hudlicky, James McNulty, Siyaram Pandey

Presenter affiliation: University of Windsor

ABSTRACT P29

**CATALYTIC RING CLOSING METHODS FOR THE SYNTHESIS OF ALLOCOLCHICINES (A CLASS OF ANTICANCEROUS COMPOUNDS)**

**Mariam Mehdi\***, James R. Green, Sinisa Djurdjevic

Presenter affiliation: University of Windsor

\*Presenting Author



ABSTRACT P30

**A RETROSPECTIVE REVIEW OF THE PERCENTAGE OF PRE-SCREENED PATIENTS WHO WERE ENROLLED ONTO A CLINICAL TRIAL AT THE WINDSOR REGIONAL HOSPITAL CANCER PROGRAM**  
**Krista Naccarato\***

Presenter affiliation: Windsor Regional Hospital Cancer Program

ABSTRACT P31

**WHY DO BREAST CANCER PATIENTS VISIT THE EMERGENCY DEPARTMENT?**

**Abdullah Nasser\***, Swati Kulkarni

Presenter affiliation: Schulich School of Medicine and Dentistry

ABSTRACT P32

**THE ROLE OF FIBULIN-3 IN BREAST CANCER**

**Michelle Noonan\***, Dragan Magdalena, Bhattacharya Moshmi,

Presenter affiliation: The University of Western Ontario

ABSTRACT P33

**PRECLINICAL EVALUATION OF THE ANTICANCER EFFICACY OF AQUEOUS DANDELION ROOT EXTRACT IN HUMAN COLORECTAL CANCER CELLS**

**Pamela Ovadje\***, Caroline Hamm, Ammar Saleem, John Thor Arnason, Siyaram Pandey,

Presenter affiliation: University of Windsor

ABSTRACT P34

**IN VIVO SODIUM MRI OF HUMAN PROSTATE CANCER**

**Justin Peterson\***, Adam Farag, Trevor Szekeres, Eli Gibson, Aaron Ward, Joseph Chin, Stephen Pautler, Glenn Bauman, Cesare Romagnoli, Robert Bartha, Timothy J. Scholl,

Presenter affiliation: Medical Biophysics, Western University, London, Ontario

ABSTRACT P35

**PRE-CLINICAL SCREENING AND EVALUATION OF VARIOUS NATURAL HEALTH PRODUCTS FOR THEIR ANTI-CARCINOGENIC PROPERTIES**

**Cory Phillion\***, Grace Tesky, Pamela Ovadje and Siyaram Pandey

Presenter affiliation: University of Windsor

ABSTRACT P36

**ROLE OF SPY1 IN NEUROGENESIS; IMPLICATIONS IN DEVELOPMENT OF HIGH GRADE GLIOMA**

**Ingrid Qemo\***, Dorota Lubanska, Bre-Anne Fifield and Lisa A. Porter

Presenter affiliation: University of Windsor, Department of Biological Sciences

ABSTRACT P37

**ANALYSIS OF A HYBRID PLASMONIC WAVEGUIDE BIOSENSOR IN TURBID MEDIA**

**Chitra Rangan\***, Daniel Travo, John Sipe

Presenter Affiliation: Department of Physics, University of Windsor

\*Presenting Author

ABSTRACT P38

**NEEM LEAF EXTRACTS AND APOPTOTIC INDUCTION: A POTENTIAL ANTI-CANCER THERAPY**

**Alessia Roma\***, Matthew Steckle, Leah Nicoletti, Pamela Ovadje, Siyaram Pandey

Presenter affiliation: University of Windsor

ABSTRACT P39

**FINDING DIFFERENTIAL SPLICE JUNCTIONS AS BIOMARKERS IN PROSTATE CANCER FROM NEXT GENERATION SEQUENCING DATA**

**Luis Rueda\***, Iman Rezaeian, Ahmad Tavakoli, Dora Cavallo-Medved, Lisa Porter

Presenter affiliation: University of Windsor

ABSTRACT P40

**FIRST LINE TYROSINE KINASE INHIBITORS THERAPY IN CHRONIC MYELOID LEUKEMIA AT THE CANCER PROGRAM OF WINDSOR REGIONAL HOSPITAL (2001-2013)**

**Daad Sayegh\***, D. Sayegh, S. Kanjeekal, J. Mathews, R. Gupta, T. Elfiki, Y. Alam, A. Ghafoor, S. Kulkarni, K. Schneider, J. Yousuf, K. Hirmiz, C. Springer, M. Pan, C. Hamm

Presenter affiliation: Naom Medicine Professioal Corporation

ABSTRACT P41

**ETHANOLIC EXTRACT OF LONG PEPPER TARGETS CANCER CELL MITOCHONDRIA FOR THE INDUCTION OF APOPTOSIS**

**Michael Stanesic\***, Pamela Ovadje, Dennis Ma, Ammar Saleem, John Thor Arnason, Siyaram Pandey,

Presenter affiliation: University of Windsor

ABSTRACT P42

**NATURAL EXTRACTS OF TULSI AS ANTIOXIDANTS AND INDUCERS OF APOPTOSIS IN CANCER**

**Matthew Steckle\***, Leah Nicoletti, Pamela Ovadje, Siyaram Pandey,

Presenter affiliation: University of Windsor

ABSTRACT P43

**HEPATIC ARTERIAL BLOOD FLOW PRIOR TO THERAPY PREDICTS TREATMENT RESPONSE FROM ANGIOGENESIS INHIBITORS IN AN ANIMAL MODEL OF HCC**

**Errol Stewart\***, Anita Gandhi, Peter Schafer, Ting-Yim Lee

Presenter affiliation: Imaging Laboratory Robarts Research the University of Western Ontario

ABSTRACT P44

**EFFECT OF NOVEL BIARLY ANALOGS OF COMBRETASTATIN A4 ON CELL CYCLE PROGRESSION & MITOCHONDRIAL STABILITY IN CANCEROUS CELLS**

**Daniel Tarade\***, Dennis Ma, Seema Joshi, Julia Church, Sean van den Berg, James McNulty

Presenter affiliation: University of Windsor

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ABSTRACT P45

**A ROLE FOR SPY1 IN BREAST CANCER METASTASIS**

**Janice Tubman\***, Indra Sinha, Lisa A. Porter

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ABSTRACT P46

**MYBC CANCER APP: A MOBILE APPROACH TO DELIVERING LOCAL CANCER RESOURCES AND FACILITATING PATIENT TREATMENT PLANS IN BRITISH COLUMBIA.**

**Wesley Wilson\***, Bree Galbraith, Carr Emily

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ABSTRACT P47

**TOXICITIES RELATED TO DOSE DENSE AC-TAXOL IN EARLY BREAST CANCER: LRCP AND WRCC EXPERIENCE**

**Michael Yan\***, Jawaid Younus, E Tashkandi

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