WCRG Research Conference

“Bridging Research and Hope”

November 17, 2012

Windsor, Ontario
**Bridging Research and Hope**  
**WCRG Conference Summary**

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9:00-9:10am Welcome and Opening Remarks
Caroline Hamm – Clinical Director WCRG

9:10-9:50am Plenary Session I: Suzanne Conzen, MD
University of Chicago Comprehensive Cancer Center and Ben May Department for Cancer Biology and Institute for Mind and Biology.
A NOVEL ROLE FOR GLUCOCORTICOID RECEPTOR ACTIVATION IN TRIPLE NEGATIVE BREAST CANCER

Generously sponsored by Novartis

10:00-noon Platform Presentations: Session I
Moderator – Swati Kulkarni, Windsor Regional Cancer Center

Abstract

1 REINSTALLING CELL CYCLE CHECKPOINTS AS A THERAPEUTIC DIRECTION FOR BREAST CANCER
Espanta Jalili, Rosa-Maria Ferriauolo, Agnes Malysa, Bre-Anne Fifield, Janice Tubman, Azadeh Golipour, Dorothy Myers and Lisa A. Porter*
WCRG and Department of Biological Sciences University of Windsor, Windsor, Ontario.

Generously sponsored by AstraZeneca

2 BREAST IMAGING WITH ULTRASOUND TOMOGRAPHY: FIRST RESULTS WITH THE SOFTVUE SCANNER.
Neb Duric*, Peter Littrup, Cuiping Li, Olivier Roy, Steven Schmidt, Lisa Bey-Knight, Roman Janer, Xiayang Chen, Jeff Goll and William Greenway.
Karmanos Cancer Institute, Wayne State University, Detroit, Michigan, Delphinus Medical Technologies, Plymouth, Michigan

3 IDENTIFYING THE INTERACTOME AND NOVEL PHOSPHATASE SUBSTRATES FOR THE PUTATIVE ONCOGENE HYVH1/DUSP12 USING AFFINITY CHROMATOGRAPHY GELC-MS/MS
Christopher A. Bonham*, Besa Xhabija, Colleen M. Mailloux, Panayiotis O. Vacratsis (Authors all contributed equally to this research)
WCRG and Department of Chemistry and Biochemistry, University of Windsor, Windsor, Ontario

*Presenting author  Full abstracts and affiliations found at www.windsorcancerresearch.ca
Password: Caesars Windsor
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Platform Presentation: Session I continued

4 A 12-MONTH REPEATED MEASURES STUDY EXPLORING THE IMPACT OF PROSTATE CANCER RADIATION TREATMENT ON SYMPTOMS, FUNCTIONS, AND WELLBEING
Maher M. El-Masri*, Susan Fox-Wasylyshyn, Colvin Springer, Sheila Cameron
1) WCRG and Faculty of Nursing, University of Windsor, Windsor, Ontario. 2) Windsor Regional Cancer Centre, Windsor, Ontario

5 FUNCTIONAL ASSOCIATION OF THE HISTONE DEMETHYLASE LID WITH THE SIN3 HDAC COMPLEX
Ambikai Gajan*, Valerie L. Barnes and Lori A. Pile
Department of Biological Sciences, Wayne State University, Detroit, Michigan

6 ROLE OF APOLIPOPROTEIN(A) IN ANGIOGENESIS AND CELL MIGRATION THROUGH PLASMINOGEN ACTIVATION
Rocco Romagnuolo, BSc*; Michael B. Boffa, PhD; Marlys L. Koschinsky, PhD
WCRG and Department of Chemistry & Biochemistry, University of Windsor, Windsor, ON, Canada

7 MODULATION OF NEUTRAL SPHINGOMYELINASE ACTIVITY VIA POST-TRANSLATIONAL MODIFICATION AND IMPLICATIONS FOR CANCER CELL SURVIVAL
Bei Lei Sun*, Artur Jarosz, Bulent Mutus
WCRG and Department of Chemistry & Biochemistry, University of Windsor, Windsor, Ontario

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Moderator – Andrew Swan, WCRG and Department of Biological Sciences, University of Windsor.

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8 EXPLORING THE ASSOCIATION BETWEEN AGE AND STAGE IN PATIENTS WITH TRIPLE NEGATIVE BREAST CANCER
Hamm Caroline*, El Masri Maher, Vivek Pamathy, Alam Yasmin, Gupta Rasna, Kulkarni Swati, Mathews John
Windsor Regional Cancer Center and WCRG, Windsor, Ontario

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**Platform Presentations – Augustus I**

**Abstract**  
Platform Presentation: Session II continued

9 **POWER OVER PAIN – COACHING INTERVENTION FOR AFRICAN AMERICANS WITH CANCER PAIN**  
April H Vallerand, PhD, RN, FAAN*1, Stephanie M Schim, PhD, RN1, Susan M Hasenau, PhD, RN, CTN-A2, Sheria G. Robinson, MSN, RN, MHA1, Thomas Templin, PhD1  
1) Wayne State University, College of Nursing; 2) Madonna University, College of Nursing and Health

10 **TARGETING MITOCHONDRIAL & OXIDATIVE VULNERABILITIES IN CANCER CELLS WITH SYNTHETIC ANALOGUES OF PANCRATISTATIN IN COMBINATION WITH PIPERLONGUMINE, CURCUMIN, & TAMOXIFEN**  
Dennis Ma*1, Manika Gupta1, Ian Tuffley1, Seema Joshi1, Julia Church1, Sergey Vshyvenko2, Tomas Hudlicky2, Siyaram Pandey1  
1) Department of Chemistry and Biochemistry, University of Windsor, 401 Sunset Avenue, Windsor, Ontario N9B 3P4, Canada. 2) Chemistry Department and Centre for Biotechnology, Brock University, St. Catharines, ON

11 **ARE WE MISSING THE TARGET IN POST-PROSTATECTOMY RADIOTHERAPY? RESULTS OF AN INTERNATIONAL CONTOURING CHALLENGE**  
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12 **EPIGENETIC Deregulation OF The POLO-Like KINASES (PLKS) IN HEMATOLOGICAL MALIGNANCIES**  
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1) University of Windsor, Department of Biology and WCRG 2) Windsor Regional Cancer Center, Windsor, ON and WCRG

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Dr Sindu Kanjeekal MD FRCPC Medical Oncologist & Hematologist.  
Windsor Regional Cancer Center. Adjunct Professor Schulich School of Medicine and WCRG

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Urshula Liwak*1,2, Lindsay E. Jordan1,2, Federico Roncaroli3, Martin Holcik1,2,4
1) Apoptosis Research Centre, Children’s Hospital of Eastern Ontario Research Institute, Ottawa, Ontario. 2) Department of Biochemistry, Microbiology and Immunology, University of Ottawa, Ottawa, Ontario. 3) John Fulcher Neuro-oncology Lab, Imperial College, London, UK 4) Department of Pediatrics, University of Ottawa, Ontario

4:10–4:50pm
Plenary Session II: Patricia LoRusso, DO
Karmanos Cancer Center, Wayne State University, Detroit, MI
PERSONALIZED TREATMENT FOR CANCER: THE ACADEMIA PERSPECTIVE

4:50–5:00pm
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Presenter affiliation: WCRG and University of Windsor.

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Presenter affiliation: WCRG and University of Windsor.

*Presenting author Full abstracts and affiliations found at www.windsorcancerresearch.ca
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Presenter affiliation: WCRG and University of Windsor.

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Presenter affiliation: University of Michigan.

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Ming Pan M.D.*, FRCPC; Tarek Elfiki M.B. Ch.B,
Presenter affiliation: MRCPI Windsor Regional Hospital Cancer Program.

*Presenting author      Full abstracts and affiliations found at www.windsorcancerresearch.ca
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Presenter affiliation: University of Windsor.

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Presenter affiliation: WCRG and University of Windsor.

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Swati Kulkarni, M.B.B.S.,FRCPC,ABIM, Zonia Ghumman,MD, Caroline Hamm,MD FRCPC, Maher ElMasri RN,PHD, V Pamathy BSc
Presenter affiliation: Windsor Regional Cancer Center, Windsor, ON
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