San Antonio Breast Cancer Symposium
December 10-14, 2013
Henry B. Gonzalez Convention Center, San Antonio, Texas, USA

http://sabcs.org/index.asp

**Case CCC Members listed in BOLD

GENERAL SESSION PRESENTATIONS

(S6-01) JAK2 amplifications are enriched in triple negative breast cancers (TNBCs) after neoadjuvant chemotherapy and predict poor prognosis

General Session 6: Friday, December 13; 3:15 pm Exhibit Hall D


Vanderbilt University, Nashville, TN; Foundation Medicine, Cambridge, MA; Case Western Reserve University, Cleveland, OH; Dana Farber Cancer Institute, Boston, MA; Oncosalud, Lima, Peru; Instituto Nacional de Enfermedades Neoplásicas, Lima, Peru.

POSTER PRESENTATIONS

(P1-02-04) Array based resolution of HER2 amplification status in breast carcinomas displaying apparent chromosome 17 aneusomy

Poster Session 1: Detection and Diagnosis: Diagnostic Pathology

Portier BP, Wang Z, Minca E, Lanigan C, Downs-Kelly E, Tubbs RR

Cleveland Clinic, Cleveland, OH

(P1-04-16) Multi-center experience with CELLSEARCH® circulating tumor cell kit on patients with metastatic breast cancer

Montero AJ, Eapen S, Tran KN, Gorin B, Adler P

Cleveland Clinic, Cleveland, OH; Analysis Group, Inc., Boston, MA; Janssen Diagnostics, LLC, Raritan, NJ

Poster Session 1: Detection and Diagnosis: Circulating Tumor Cells

(P1-08-08) Tumor infiltrating lymphocytes (TILs) in breast cancer: A meta-analysis of response to neoadjuvant chemotherapy based on TIL status

Poster Session 8: Prognosis and Response Prediction: Response Predictive Factors

Janakiram M, Zhang L, White R, Ayyappan S, Sparano J

Albert Einstein College of Medicine, Bronx, NY; Montefiore Medical Center, Bronx, NY; Case Western Reserve University, Cleveland, OH. Murali Janakiram is a recipient of an SABCS Clinical Scholars scholarship
(P1-08-16) Deep sequencing of breast tumor biopsies reveals an association between pathologic complete response and reduction of TP53 clonal abundance upon brief exposure to therapy

**Poster Session 1: Prognosis and Response Prediction: Response Predictive Factors**

University Hospitals/Case Medical Center, Cleveland, OH; Yale University School of Medicine; Yale Comprehensive Cancer Center, New Haven, CT; Warren Alpert Medical School of Brown, Providence, RI

(P2-02-12) Computer derived image features on DCE-MRI appear to distinguish estrogen receptor-positive breast cancers with low and high oncotytype DX recurrence scores

**Poster Session 2: Detection and Diagnosis: Breast Imaging – MRI**

Case Western Reserve University, Cleveland, OH; Boston University School of Medicine, Boston, MA; UH MacDonald Women's Hospital Breast Centers, Cleveland, OH; University Hospitals Case Medical Center, Cleveland, OH; Seidman Cancer Center, Cleveland, OH

(P2-03-01) Computer extracted image texture features on T2-weighted MRI appear to correlate with nuclear morphologic descriptors from H&E-stained histopathology in estrogen receptor positive breast cancers

**Poster Session 2: Detection and Diagnosis: Breast Imaging - Other**

**Madabhushi A, Basavanhally AN, Doyle S, Wan T, Singanamalli A, Thompson C, Gilmore H, Plecha D, Harris L**
Case Western Reserve University, Cleveland, OH; Rutgers, The State University of New Jersey, Piscataway, NJ; Ibris, Inc., Monmouth Junction, NJ

(P4-03-04) Computer extracted image measurements of nuclear shape and texture from H&E images appear to stratify low and high risk ER+ breast cancers assessed via oncotytype DX

**Poster Session 4: Detection and Diagnosis: Detection and Diagnosis – Other**

Case Western Reserve University, Cleveland, OH; Ibris Incorporated, Monmouth Junction, NJ; University of Pennsylvania, Philadelphia, PA; University at Buffalo, Buffalo, NY; Cancer Institute of New Jersey, New Brunswick, NJ

(P4-04-02) RNA-seq reveals functional IncRNAs associated with estrogen-receptor status in breast cancer

**Poster Session 4: Tumor Cell and Molecular Biology: Genomics**

Banerjee N, Chothani S, Kamalakaran S, **Varadan V**, Miskimen K, Vadodkar A, Abu-khalaf M, Sikov W, Harris LN, Dimitrova N
Philips Research North America, Briarcliff Manor, NY; Case Comprehensive Cancer Center, Cleveland, OH; Yale Comprehensive Cancer Center, Cleveland, OH; Warren Alpert Medical School of Brown University, Providence, RI; Seidman Cancer Center, Cleveland, OH
(P4-04-07) Heterogeneous gene fusions detected by RNASeq show enrichment of insulin signaling pathway genes in breast cancer

*Poster Session 4: Tumor Cell and Molecular Biology: Genomics*

Varadan V, Agrawal V, Kamalakaran S, Banerjee N, Miskimen K, Vadodkar A, Abu-Khalaf M, Sikov W, Harris LN, Dimitrova N

Philips Research North America, Briarcliff Manor, NY; Case Comprehensive Cancer Center, Case Western Reserve University, Cleveland, OH; Yale Comprehensive Cancer Center, New Haven, CT; Warren Alpert Medical School of Brown University, Providence, RI; Seidman Cancer Center, University Hospitals, Cleveland, OH

(P4-11-04) Targeted vaccination against human α-lactalbumin may provide immunotherapy and immunoprevention of triple negative breast cancer

*Poster Session 4: Epidemiology, Risk, and Prevention: Prevention - Preclinical Studies*

Tuohy VK, Jaini R, Johnson JM, Mazumder S, Crowe J, Budd GT

Cleveland Clinic, Cleveland, OH

(P6-08-14) Meeting needs and expectations of breast cancer survivors: Learning from patients through a survey method

*Poster Session 6: Psychosocial, Quality of Life, and Educational Aspects: Social and QOL Aspects – Other*


University Hospitals Seidman Cancer Center, Cleveland, OH; Case Western Reserve School of Nursing, Cleveland, OH