Stony Brook Cancer Center Breast Cancer Research Retreat  
January 12, 2013  
Lombardi’s on the Sound

Retreat Agenda

8:00-9:00  Breakfast

9:00-9:10  Welcome:  Dean Kenneth Kaushansky

9:10-9:20  Introduction  Yusuf Hannun

9:20-10:05  Session I:  BREAST CANCER BIOLOGY AND SIGNALING  
(Chair: Natalia Marchenko)

  - Ute Moll: Stabilized mutp53 as Cancer-Specific Drug Target: the HDAC6-Hsp90 Chaperone Axis
  - Natalia Marchenko: Functional Study of Novel Gain-of-function Activities of Mutant p53 in Promoting Mammary Tumorigenesis by Crosstalking with HER2
  - Michael Frohman: A Lipid Signaling Target in Breast Cancer

10:05-10:50  Session II:  BREAST CANCER PATHOLOGY AND METASTASES  
(Chair: Barbara Nemesure)

  - Kenneth Shroyer: Discovery and Validation of a Stage Specific Biomarker for Cancer Survival. Pathology Resources and Approach
  - Meenakshi Singh: Triple Negative Breast Cancer
  - Emily Chen: Understanding the Role of Breast Cancer Stem Cells in Drug Resistance and Metastasis

10:50-11:00  Break
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11:00-12:00  Session III:  BREAST CANCER CLINICAL TRIALS/BIOMARKERS AND IMAGING  
(Chair: Janice Lu)

Janice Lu: NSABP Neoadjuvant Targeted Anti-Her2 Therapy and Correlated Breast Cancer Biomarkers  
Paul Fisher: Breast Tomosynthesis, with Dual Energy Contrast Enhancement  
Anat Biegon: New Imaging Agents Relevant to Breast Cancer Diagnosis and Therapy  
Duc Bui: Comparison of Intraoperative Methods to Predict Mastectomy Skin Flap Necrosis

12:00-12:50  Lunch

12:50-1:00  BREAST CANCER CLINICAL PROGRAM  
Brian O’Hea

1:00-1:45  Session IV  EARLY STAGE TRANSLATIONAL RESEARCH - BENCH TO BEDSIDE  
(Chair: Wei Zhao)

Jian Cao: Development of Novel Inhibitory Peptides for Targeting Disseminated Cancer Cells  
Elinor Schoenfeld: Development and Evaluation of a Web-based Tailored Approach to Health Education. The Breast Health Intervention Project (B-HIP)  
Wei Zhao: Contrast Enhanced Digital Mammography and Breast Tomosynthesis for Breast Cancer Detection
### Session V: Breast Cancer Therapeutics/Genomics

**Chair:** Michael Hayman

- Lina Obeid: Role for a Sphingolipid Mediated Pathway in Cell Invasion
- Wei-Xing Zong: Serpin in Breast Cancer

### Session VI: Later Stage Translation Research - Bedside to Clinical Care Improvements

**Chair:** Christine Rizk

- Christine Rizk: An Examination of the Link Between Smoking and Breast Cancer
- Laurie Shroyer and Jamie Romeiser: Surgical Quality Data Users Group - Breast Cancer Database Reporting Endeavors
- Jules Cohen: Use of an NIH PROMIS® Instrument to Identify Predictors of Fatigue in Breast Cancer Patients Receiving Adjuvant Chemotherapy

### Closing Remarks

**Janice Lu and Christine Rizk**

### Posters

(Shared Resources/Cores and Individual Labs)