



2015 UCSF Breast Oncology Program Scientific Retreat  
JCCSF, 3200 California St., San Francisco, 94118

**Thursday, February 5**

12:00-12:30 *Atrium*

**Registration and Boxed Lunch**

12:30-5:00 *Kanbar Hall*

12:30-12:40 Welcome and Introduction to Agenda and Breast Oncology Program  
Laura van 't Veer, PhD

**Genome Integrity and DNA Repair (Moderator: Laura van 't Veer)**

- 12:40-1:10 **Keynote: Targeting Tumor Suppressor Genes as Therapy**  
Alan Ashworth, PhD, Director UCSF Helen Diller Family Comprehensive Cancer Center
- 1:10-1:20 Q&A
- 1:20-1:40 PARP Inhibitors in Breast Cancer  
Nancy Pryer, PhD, Executive Director Translational Research, BioMarin Pharmaceutical Inc.
- 1:40-1:50 Q&A
- 1:50-2:10 Interaction Maps to Connect Tumor Integrity with Drug Responses  
Sourav Bandyopadhyay, PhD, Assistant Professor Bioengineering and Therapeutic Sciences
- 2:10-2:20 Q&A
- 2:20-2:40 Under Pressure: The Evolution of Local Tumor Recurrence Following Therapy  
Joseph Costello, PhD, Professor, Neurological Surgery
- 2:40-2:50 Q&A
- 2:50-3:00 Advocate Perspective  
Janice Barlow, Breast Science Advocacy Core Research Advocate

3:00-3:20 *Break*

**Imaging for Therapeutic Effects (Moderator: Hope Rugo, MD)**

- 3:20-3:40 Development of an Intraoperative Microfabricated Fluorescent Imaging Array for Microscopic Disease in Breast Cancer  
Mekhail Anwar, MD, PhD, Assistant Professor, Radiation Oncology
- 3:40-3:50 Q&A
- 3:50-4:10 Molecular Imaging for Early Phase Clinical Trials  
Pamela Munster, MD, Professor, Medicine, Hematology and Oncology
- 4:10-4:20 Q&A
- 4:20-4:40 Imaging the Effects of Radiation Therapy on Normal-Appearing Brain Tissue  
Janine Lupo, PhD, Associate Researcher, Radiology
- 4:40-4:50 Q&A
- 4:50-5:00 Advocate Perspective  
Linda Vincent, MPH, Breast Science Advocacy Core Research Advocates

5:00-6:30 *Atrium*

**California Breast Cancer Research Program Poster Session**

*(Light refreshments and beverages will be served.)*



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**Friday, February 6**

8:30-9:00 Atrium

**Registration & Continental Breakfast**

9:00-4:00 Kanbar Hall

**Novel Approaches to Cancer Therapeutics (Moderator: Mark Moasser, MD)**

9:00-9:30 **Keynote:** Synthetic Lethal Drug Combinations for Cancer

René Bernards, PhD, Professor, The Netherlands Cancer Institute, Amsterdam

9:30-9:40 Q&A

9:40-10:20 Targeting the MYC Oncogene in Aggressive Breast Cancers: New Therapeutic Targets and Immunotherapy Approaches

Andrei Goga, MD, PhD, Associate Professor Cell & Tissue Biology and Medicine, Hematology and Oncology

Mehrdad Matloubian, MD, PhD, Associate Professor Medicine, Rheumatology

10:20-10:30 Q&A

10:30-10:40 Advocate Perspective

Susan Samson, Breast Science Advocacy Core Research Advocate

10:40-11:00 Break

**California Breast Cancer Research Program Poster Discussion Session (Moderator: Michelle Melisko, MD)**

11:00-11:10 Presentation of Awards

Marion Kavanaugh-Lynch, MD, MPH, Director, California Breast Cancer Research Program  
Carol Simmons, Breast Science Advocacy Core Research Advocate

11:10-11:20 **Epidemiology and Population Sciences Poster:** Alcohol Consumption and Mortality after Breast Cancer Diagnosis: The Health and Functioning in Women Study

Natasha Din, MD; MAS Candidate, Master's Degree Program in Clinical Research, Epidemiology & Biostatistics

11:20-11:30 **Therapeutics and Clinical Trials Poster:** Developing Silastic Tubing for Local Delivery of Hormonal Therapy: A Novel Approach to Breast Cancer Prevention

Jeenah Park, PhD, Postdoctoral Scholar, Medicine, Hematology and Oncology

11:30-11:40 *Discussant:* Michelle Melisko, MD, Associate Professor, Medicine, Hematology and Oncology

11:40-11:50 *General Discussion and Audience Questions*

11:50-12:00 **Detection and Biomarkers Poster:** Evaluation of a Cell-line Derived Signature of Olaparib Response (PARPi-7) as a Predictive Biomarker of Response to Veliparib/Carboplatin plus Standard Neoadjuvant Therapy in High-Risk Breast Cancer: Results from the I-SPY 2 TRIAL

Denise Wolf, PhD, Bioinformatics Scientist, Laboratory Medicine

12:00-12:10 **Physical Sciences Poster:** Global Profiling of Extracellular Proteolysis as a Molecular Stratification Tool for Breast Cancer

Michael Winter, PhD, Postdoctoral Scholar, Pharmaceutical Chemistry

12:10-12:20 **Molecular Biology Poster:** Targeting HER3 by Interfering with its Sec61-Mediated Cotranslational Insertion into the Endoplasmic Reticulum

Ana Ruiz-Saenz, PhD, Postdoctoral Scholar, Medicine, Hematology and Oncology

12:20-12:30 *Discussant:* Luika Timmerman, PhD, Independent Investigator, Helen Diller Family Comprehensive Cancer Center

12:30-12:40 *General Discussion and Audience Questions*

12:40-1:40 Lunch

(See reverse for afternoon session)

*This retreat is supported in part by Nektar Therapeutics, a conference award from the California Breast Cancer Research Program (21MB-0004), Celgene Corporation, Puma Biotechnology, and the UCSF Helen Diller Family Comprehensive Cancer Center Support Grant (P30 CA082103).*



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### **Friday, February 6**

**9:00-4:00 Kanbar Hall**

#### **Risk Stratification (Moderator: Thea Tlsty, PhD)**

- 1:40-2:00 The Athena Personalized Breast Screening Study  
Laura Esserman, MD, MBA, Professor, Surgery and Radiology
- 2:00-2:10 Q&A
- 2:10-2:30 Current Clinical Approaches for Patient Stratification  
Hope Rugo, MD, Professor, Medicine, Hematology and Oncology
- 2:30-2:40 Q&A
- 2:40-3:00 Genomic & Proteomics to Triage Treatment Strategies  
Laura van 't Veer, PhD, Professor, Laboratory Medicine
- 3:00-3:10 Q&A
- 3:10-3:30 Using Network Biology to Understand Cancer  
Nevan Krogan, PhD, Professor, Cellular and Molecular Pharmacology
- 3:30-3:40 Q&A
- 3:40-3:50 Advocate Perspective  
Vivian Lee, Breast Science Advocacy Core Research Advocate

#### **3:50-4:00 Closing Remarks and Adjourn**

Laura van 't Veer, PhD