



2012 UCSF Breast Oncology Program Scientific Retreat

Thursday, February 2

12:00 Atrium

Registration and Boxed Lunch

12:30-4:30 Kanbar Hall

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

Heterogeneity of Response: Reversing Therapy Resistance (Moderator: Hope Rugo, MD)

12:40-1:10 Targeting the HER Pathway for Optimal Therapy
Kent Osborne, MD

1:10-1:20 Q&A

1:20-1:40 Epigenetic Modulation in Hormone Therapy Resistance
Pamela Munster, MD

1:40-1:50 Q&A

1:50-2:10 Spatial Systems Biology
Joe Gray, PhD

2:10-2:20 Q&A

2:20-2:30 Controversies from the Moderator Perspective
Hope Rugo, MD

2:30-2:50 *Break*

Physical Sciences and Oncology Center: Tissue Tension in High Risk Women (Moderator: Valerie Weaver, PhD)

2:50-3:10 Tissue Tension in Breast Cancer
Jan Liphardt, PhD

3:10-3:20 Q&A

3:20-3:40 Good Breast Gone Bad: Activation of IL6/Akt Signaling Networks in High-Risk African American Women
Victoria Seewaldt, MD

3:40-3:50 Q&A

3:50-4:10 Tissue-Based Determinants of Breast Cancer Risk: Translational Opportunities for Breast Cancer Prevention
E. Shelley Hwang, MD

4:10-4:20 Q&A

4:20-4:30 Controversies from the Patient Perspective
Susan Samson

4:30-6:30 Atrium

Poster Session and Reception

(Light refreshments and beverages will be served.)

Friday, February 3

8:30-9:00 Atrium

Registration & Continental Breakfast

9:00-5:00 Kanbar Hall

Welcome & Introduction

Laura van 't Veer, PhD, Program Leader, UCSF Breast Oncology Program

Microenvironment and Immune System (Moderator: Zena Werb, PhD)

9:05-9:25 Enhancing Efficacy of Chemotherapy in Breast Cancer by Targeting Macrophages
Lisa Coussens, PhD

9:25-9:35 Q&A

9:35-9:55 Translating Laboratory Science to the Clinic: A Novel Phase I/II Trial Targeting Macrophages in Triple Negative Breast Cancer
Hope Rugo, MD

9:55-10:05 Q&A



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- 10:05-10:25 Immunogenicity, immunogenic cell death and response to therapy
Michael Campbell, PhD
- 10:25-10:35 Q&A
- 10:35-10:45 Controversies from the Patient Perspective
Carol Simmons

10:45-11:05 *Break*

Poster Discussion Session (Moderator: John Park, MD)

- 11:05-11:15 Presentation of Awards
Hope Rugo, MD and Laura van 't Veer, PhD
- 11:15-11:25 Early Detection and Prevention Poster
TBA [top poster selected by committee]
- 11:25-11:35 Epidemiology and Population Science Poster
TBA [top poster selected by committee]
- 11:35-11:45 *Discussant: Elad Ziv, MD*
- 11:45-11:55 *General Discussion and Audience Questions*
- 11:55-12:05 Physical Science
TBA [top poster selected by committee]
- 12:05-12:15 Molecular Biology Poster
TBA [top poster selected by committee]
- 12:15-12:25 Therapeutics and Clinical Trials Poster
TBA [top poster selected by committee]
- 12:25-12:35 *Discussant: Mark Moasser, MD*
- 12:35-12:45 *General Discussion and Audience Questions*
- 12:45-1:15 *Lunch*

Athena Breast Health Network and Care Efficiency (Moderator: Michelle Melisko, MD)

- 1:15-1:25 Patient Reported Outcomes
Linda Vincent
- 1:25-1:45 Athena: A new Paradigm for Clinical Care and Research
Laura Esserman, MD, MBA
- 1:45-1:55 Q&A
- 1:55-2:25 New Public-Private Interfaces for Advancing Life Sciences Research, Medicine and Health
Keith Yamamoto, PhD
- 2:25-2:35 Q&A
- 2:35-2:55 Athena at UCSF
Laura van 't Veer, PhD
- 2:55-3:05 Q&A
- 3:05-3:25 Personalized Risk Assessment and Decision Support
Elissa Ozanne, PhD
- 3:25-3:35 Q&A
- 3:35-3:55 Pathology Harmonization Project
Yunn-Yi Chen, MD, PhD and Ronald Balassanian, MD
- 3:55-4:05 Q&A
- 4:05-4:25 Breast Cancer and the Environment
Robert Hiatt, MD, PhD
- 4:25-4:35 Q&A
- 4:35-4:50** ***Closing Remarks and Adjourn***
Laura van 't Veer, PhD

Faculty List

Ronald Balassanian, MD

Assistant Professor, Department of Pathology, UCSF

Michael Campbell, PhD

Assistant Professor, Department of Surgery, UCSF

Yunn-Yi Chen, MD, PhD

Professor of Clinical Pathology, Director of Immunohistochemistry Laboratory, Department of Pathology, UCSF

Lisa Coussens, PhD

Chair of the Department of Cell & Developmental Biology; Director of Basic Research in the OHSU Knight Cancer Institute; Hildegard Lamfrom Chair in Basic Science, Oregon Health & Science University (OHSU)

Laura Esserman, MD, MBA

Professor, Departments of Surgery and Radiology, UCSF; Affiliate Faculty, Institute for Health Policy Studies, UCSF; Director, Carol Franc Buck Breast Care Center; Co-Leader, Breast Oncology Program, UCSF Helen Diller Family Comprehensive Cancer Center

Joe Gray, PhD

Gordon Moore Professor and Chair, Biomedical Engineering, Oregon Health and Science University (OHSU); Director, OHSU Center for Spatial Systems Biomedicine; Emeritus Professor, UCSF, and Visiting Faculty, Lawrence Berkeley National Laboratory; Co-Director, Breast Cancer SPORE

Robert Hiatt, MD, PhD

Professor and Chair, Department of Epidemiology and Biostatistics, UCSF; Director of Population Sciences and Deputy Director, UCSF Helen Diller Family Comprehensive Cancer Center

E. Shelley Hwang, MD, MPH

Professor of Surgery; Chief, Breast Surgery, Duke University

Karla Kerlikowske, MD

Professor, Departments of Medicine and Epidemiology/Biostatistics, UCSF

Jan Liphardt, PhD

Associate Professor of Physics at UC Berkeley; Director Bay Area Physical Science-Oncology Center

Michelle Melisko, MD

Associate Clinical Professor, Department of Medicine, UCSF

Mark Moasser, MD

Professor, Department of Medicine (Hematology/Oncology), UCSF

Pamela Munster, MD

Professor, Department of Medicine (Hematology/Oncology), UCSF; Director, Early Phase Clinical Trials Program and Associate Director, Investigational Therapeutics, UCSF Helen Diller Family Comprehensive Cancer Center

Kent Osborne, MD

Professor, Departments of Medicine, and Cellular and Structural Biology; Director, Baylor Cancer Center; Director, Breast Center at Baylor College of Medicine

Elissa Ozanne, PhD

Assistant Professor, Department of Surgery and Institute for Health Policy Studies, UCSF

John Park, MD

Professor, Departments of Medicine and Neurological Surgery; Co-Director, Bay Area Breast Cancer SPORE, UCSF

Hope Rugo, MD

Clinical Professor, Department of Medicine (Hematology/Oncology); and Director, Breast Oncology and Clinical Trials Education, UCSF

Susan Samson

Bay Area Breast Cancer SPORE advocate

Victoria Seewaldt, MD

Professor of Medicine, Duke University; Leader Duke University Comprehensive Cancer Breast and Ovarian Cancer Program

Carol Simmons

Bay Area Breast Cancer SPORE advocate

Laura van 't Veer, PhD

Professor, Department of Laboratory Medicine, UCSF; Leader, Breast Oncology Program; Director, Applied Genomics, UCSF Helen Diller Family Comprehensive Cancer Center; Principal Investigator, Breast SPORE; Angela and Shu Kai Chan Endowed Chair in Cancer Research, UCSF

Linda Vincent

Bay Area Breast Cancer SPORE advocate

Valerie Weaver, PhD

Associate Professor, Departments of Surgery and Bioengineering and Therapeutics; Director, Center for Bioengineering and Tissue Regeneration, UCSF

Zena Werb, PhD

Professor and Vice-Chair, Department of Anatomy, UCSF

Keith Yamamoto, PhD

Executive Vice Dean, School of Medicine; Professor, Departments of Cellular/Molecular Pharmacology and Biochemistry/Biophysics, UCSF

Elad Ziv, MD

Associate Professor, Department of Medicine, UCSF