

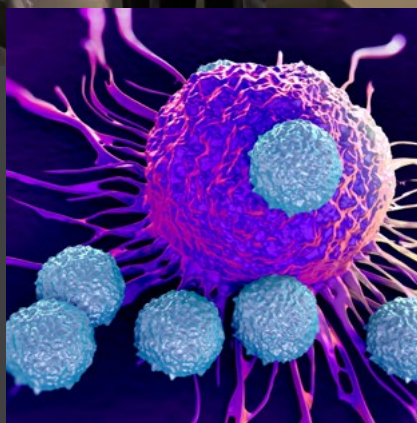
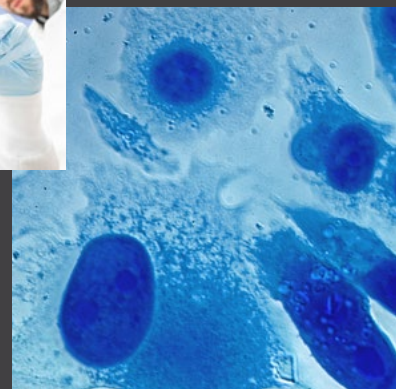
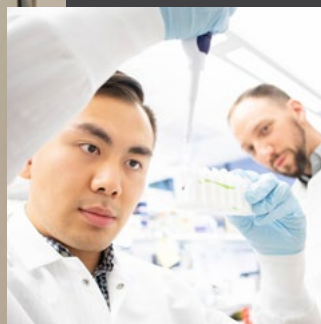
American Society of Clinical Oncology Annual Meeting

May 31 – June 4, 2019

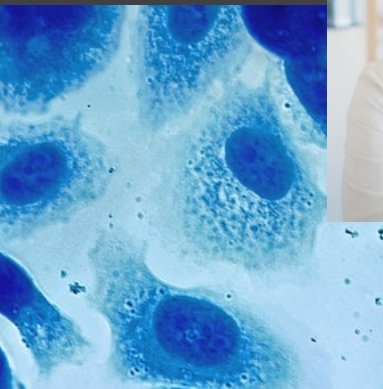
Chicago, IL

UCSF Presentation Brochure

**UCSF HELEN DILLER FAMILY
COMPREHENSIVE CANCER CENTER**



UCSF Helen Diller Family
Comprehensive
Cancer Center





Alan Ashworth, PhD, FRS

President,
UCSF Helen Diller
Family Comprehensive
Cancer Center

Senior Vice President
for Cancer Services,
UCSF Health

Professor of Medicine,
Division of
Hematology/Oncology,
Department of Medicine

EXCEPTIONAL PEOPLE EXTRAORDINARY SCIENCE

For the past four years, it has been my privilege to work with UCSF's team of exceptional cancer scientists who are helping to transform cancer into a manageable disease, and hopefully one day, a curable disease. Among our many programs, UCSF faculty are driving efforts to overcome drug resistance, a key limitation of targeted therapy; developing drugs against previously undruggable proteins; and making significant advances in cryo-electron microscopy that is allowing scientists to visualize a broad spectrum of proteins at resolutions approaching crystal structure resolutions. We are leading the way on the next generation of cellular therapies, with novel approaches to addressing specificity and efficacy, while minimizing side effects. Also, we've expanded our state-of-the-art cancer imaging program to more rapidly assess disease progression and treatment response, creating time to move patients to other therapies when first-line therapies fail.

All of us are working in an exciting new era of collaboration. We recognize that bringing advancements to patients is best accomplished by working in partnership with the broader life science industry. As an NCI-designated comprehensive cancer center, UCSF is recognized for our outstanding science, extensive resources, depth and breadth of our research in basic, clinical, and population sciences, as well as cutting edge research that bridges these scientific areas. UCSF is home to many of the world's finest oncology clinicians and scientists who understand the power of partnerships. This searchable abstract book of UCSF research presented at ASCO is a resource for potential partners interested in identifying world-class faculty engaged in basic science and clinical oncology research.

I invite you to learn more about our work and expertise by reaching out to our faculty during this meeting. If you have additional questions or would like assistance with your outreach, please contact the Director of Strategic Alliances for the Cancer Center: Cammie Edwards (cammie.edwards@ucsf.edu).

I wish you a very productive meeting, and we look forward to future discussions and collaborations.

Alan Ashworth, PhD, FRS



UCSF Medical Center is ranked #1 in California for cancer care

PROGRAMS AT THE NEW FACILITY INCLUDE:

- Breast Care Center
- Cancer Acute Care
- Cancer Genetics and Prevention
- Cancer Nutrition
- Dental Oncology
- Early Phase Investigational Therapeutics
- Gastrointestinal (GI) Medical and Surgical Oncology
- Genitourinary (GU) Medical Oncology
- Gynecologic Oncology
- Head and Neck Medical Oncology and Surgery
- Hereditary Cancer Program
- Psycho-Oncology
- Sarcoma Medical Oncology
- Symptom Management Service
- Urologic Surgical Oncology

CANCER REFERRALS

Phone: 877-UCSF-CAN
(877-827-3226)

Fax: 415-514-8253

OPENING SUMMER 2019

UCSF Bakar Precision Cancer Medicine Building

By bringing together researchers, clinicians and supportive care in one building, the UCSF Bakar Precision Cancer Medicine Building sets a new standard in the Bay Area for cancer care and research.

“This new center represents an unprecedented advance for people with cancer, inspired by two ideals: Bring the latest and most personalized treatments to patients more rapidly than ever before, and ensure our patients are front and center in everything we do.”

Alan Ashworth, PhD, FRS

President, UCSF Helen Diller Family Comprehensive Cancer Center
Senior Vice President, Cancer Services, UCSF Health



UCSF Bakar Precision Cancer Medicine Building
1825 4th St. | San Francisco, CA 94158
cancer.ucsf.edu/pcmb

UCSF Helen Diller Family
Comprehensive
Cancer Center



OUR SUCCESS IS DRIVEN BY OUR FACULTY

HDFCCC MEMBERSHIP: 465 MEMBERS & AFFILIATE MEMBERS

- 2 Nobel Laureates
- 3 Albert Lasker Award winners
- 8 Howard Hughes Medical Investigators
- 19 Members of the National Academy of Sciences
- 18 Members of the National Academy of Medicine
- 24 Fellows of the American Academy of Arts and Sciences
- 6 Fellows of the Royal Society



IN PURSUIT OF EXCELLENCE: RECENT AWARDS AND HONORS

(Click on link to read story)

JAN 23, 2019



Thea Tlsty, PhD, Wins CRUK 'Grand Challenge' Competition: \$26 Million Project Will Probe Role of Inflammation in Cancer

<http://cancer.ucsf.edu/news/2019/01/23/26-million-grand-challenge-project-will-probe-role-of-inflammation-in-cancer.9360>

FEB 27, 2019



UCSF Is Top Public Recipient of NIH Funds, Pushing Unbroken Streak

<https://www.ucsf.edu/news/2019/02/413396/ucsf-top-public-recipient-nih-funds-pushing-unbroken-streak>

APR 17, 2019



Alan Ashworth, PhD, FRS, Yifan Cheng, PhD, and Holly Ingraham PhD, Elected to American Academy of Arts and Sciences

<http://cancer.ucsf.edu/news/2019/04/17/three-faculty-elected-to-american-academy-of-arts-and-sciences.9493>

APR 25, 2019



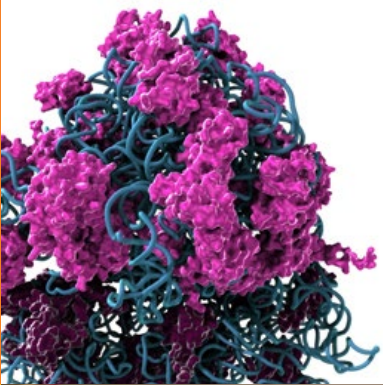
Margaret Tempero, MD, Receives Board of Producers Award from National Comprehensive Cancer Network (NCCN)

<https://www.nccn.org/about/news/newsinfo.aspx?NewsID=1483>

DRIVING SCIENTIFIC INSIGHTS FORWARD: RECENT DISCOVERIES

(Click on link to read story)

JAN 14, 2019



Drug Hobbles Deadly Liver Cancer By Stifling Protein Production

<http://cancer.ucsf.edu/news/2019/01/14/drug-hobbles-deadly-liver-cancer-by-stifling-protein-production.9351>

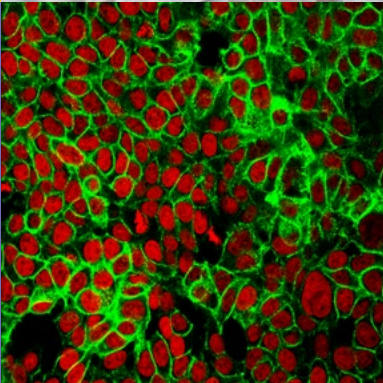
JAN 24, 2019



Common Pain Reliever Can Improve Survival in Head and Neck Cancer

<http://cancer.ucsf.edu/news/2019/01/24/common-pain-reliever-can-improve-survival-in-head-and-neck-cancer.9361>

APR 4, 2019



Cancer Exports Molecular 'Saboteurs' to Remotely Disarm Immune System

<http://cancer.ucsf.edu/news/2019/04/04/cancer-exports-molecular-saboteurs-to-remotely-disarm-immune-system.9475>

APR 9, 2019



Cancer-Killing Combination Therapies Unveiled with New Drug-Screening Tool

<http://cancer.ucsf.edu/news/2019/04/09/cancer-killing-combination-therapies-unveiled-with-new-drug-screening-tool.9481>

TRANSLATING LABORATORY DISCOVERIES INTO IMPROVED PATIENT CARE

Whether it is advancing a new vaccine based immunotherapy, developing a new diagnostic test to distinguish benign moles from malignant melanoma, or pioneering new adaptive clinical trial designs, UCSF's success in translating laboratory discoveries into improved patient care comes from its faculty and culture of exploration and collaboration. With over 400 faculty relentlessly pursuing oncology research and clinical practice, we continue to make significant strides in understanding the biology of disease and improving patient outcomes with advanced clinical care.

WORKING TOGETHER ADVANCING THE UNDERSTANDING AND TREATMENT OF CANCER

NCI - Supported Research Programs (click on link to get more information)

- Breast Oncology
- Cancer Control
- Cancer Genetics
- Cancer Immunology
- Experimental Therapeutics
- Hematopoietic Malignancies
- Neurologic Oncology
- Pediatric Malignancies
- Prostate Cancer
- Tobacco Control

Additional Cancer Research (click on link to get more information)

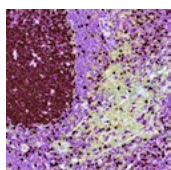
- Cancer Risk
- Gastrointestinal Oncology
- Gynecologic Oncology
- Melanoma
- Multiple Myeloma
- Pancreas Cancer
- Pediatric Brain Tumor Research
- Thoracic Oncology

Key Initiatives (click on link to get more information)

- Cancer Immunotherapy
- Center for BRCA Research
- Global Cancer
- Molecular Oncology
- Precision Cancer Medicine Building
- The San Francisco Cancer Initiative (SF CAN)
- University of California Cancer Consortium

CORE CAPABILITIES SUPPORTING OUR PROGRAMS

(Click on link to read story)



Biorepository and Tissue Biomarker Technology

Provides optimal acquisition, processing, and storage of human tissue biospecimens, as well as state-of-the-art biomarker histologic detection and/or image analyses for both human and mouse tissue biospecimens.



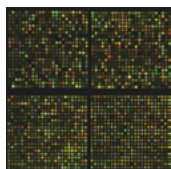
Biostatistics

Provides statistical expertise and collaboration to the UCSF cancer research community on all phases of basic science, translational, clinical, epidemiological, and prevention research.



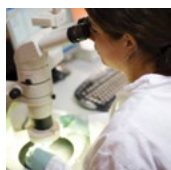
Cancer Imaging Research

Provides technical capabilities and scientific expertise for integrating cutting-edge, multi-modality imaging into basic, translational, and clinical research.



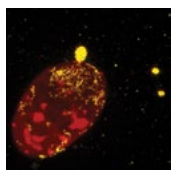
Computational Biology and Informatics

Provides computational biology and computational infrastructure support to the UCSF cancer research community.



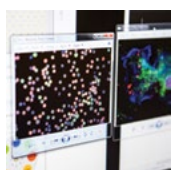
Laboratory for Cell Analysis

Provides cytometric, microscopic, and genomic support and services for the UCSF cancer research community.



Preclinical Therapeutics

Offers a complete set of preclinical services and in vivo imaging devices for cancer investigators.



Small Molecule Discovery

Collaborates with academics, government labs, and pharmaceutical companies to develop unique chemical probes and drug leads that address unmet medical needs in cancer.



Tobacco Biomarkers

Serves as an analytical chemistry resource for the UCSF tobacco control and cancer research community.

PRESENTATIONS

*UCSF authors in bold

FRIDAY | MAY 31, 2019

Alliance A031201: A phase III trial of enzalutamide (ENZ) versus enzalutamide, abiraterone, and prednisone (ENZ/AAP) for metastatic castration resistant prostate cancer (mCRPC).

Authors*: Michael J. Morris, Glenn Heller, Alan Haruo Bryce, Andrew J. Armstrong, Himisha Beltran, Olwen Mary Hahn, Eric C. McGary, Paul Tracy Mehan, Amir Goldkorn, Bruce J. Roth, Han Xiao, Colleen Watt, David W. Hillman, Mary-Ellen Taplin, Charles J. Ryan, Susan Halabi, **Eric Jay Small**

Abstract #: 5008

Abstract link: http://abstracts.asco.org/239/AbstView_239_260395.html

Presentation Date/Time: Friday, May 31, 5:09 PM - 5:21 PM

Location: Arie Crown Theater

Presentation: Oral Abstract Session

Small Research Interests: Dr. Eric Small's current research program is based in the hypothesis that resistance to hormonal therapy for prostate cancer occurs when cancer cells exploit common cellular processes ultimately to evade the therapies, allowing disease progression. By identifying such "adaptive" mechanisms and inhibiting them, it is expected that treatment resistance may be delayed or prevented, profoundly improving the care of men affected by this fatal disease.

http://cancer.ucsf.edu/people/profiles/small_eric.3671

Impact of asparaginase discontinuation on outcome in childhood ALL: A report from the Children's Oncology Group (COG).

Authors*: Sumit Gupta, Cindy Wang, Elizabeth A. Raetz, Reuven J. Schore, Wanda L. Salzer, Eric Larsen, Kelly W. Maloney, Leonard A. Mattano, William L. Carroll, Naomi J. Winick, Stephen Hunger, **Mignon L. Loh**, Meenakshi Devidas

Abstract #: 10005

Abstract link: http://abstracts.asco.org/239/AbstView_239_252255.html

Presentation Date/Time: Friday, May 31, 4:33 PM - 4:45 PM

Location: S504

Presentation: Oral Abstract Session

Loh Research Interests: The Loh lab has focused on translating genomic and biochemical discoveries in juvenile myelomonocytic (JMML) and acute lymphoblastic leukemia (ALL) into assays and therapies that can be incorporated into clinical trials. Their work in JMML has largely focused on dissecting the genomic landscape of JMML, including descriptions of PTPN11 and CBL mutations and the discovery of CBL as a new familial tumor suppressor gene. From these discoveries, Dr. Loh established JMML CLIA molecular diagnostic testing, which is now utilized as standard testing for patients suspected of having JMML. Dr. Loh is currently Chair of the Children's Oncology Group (COG) ALL committee starting in April 2015 and responsible for supervising and implementing the next generation of national ALL trials for children, adolescents, and young adults.

http://cancer.ucsf.edu/people/profiles/loh_mignon.3407

Prognostic factors for survival after relapsed acute lymphoblastic leukemia (ALL): A Children's Oncology Group (COG) study.

Authors*: Susan R. Rheingold, Lingyun Ji, Xinxin Xu, Meenakshi Devidas, Patrick A. Brown, Lia Gore, Naomi J. Winick, William L. Carroll, Stephen Hunger, Elizabeth A. Raetz, **Mignon L. Loh**, Deepa Bhojwani

Abstract #: 10008

Abstract link: http://abstracts.asco.org/239/AbstView_239_250193.html

Presentation Date/Time: Friday, May 31, 5:09 PM - 5:21 PM

Location: S504

Presentation: Oral Abstract Session

Loh Research Interests: The Loh lab has focused on translating genomic and biochemical discoveries in juvenile myelomonocytic (JMML) and acute lymphoblastic leukemia (ALL) into assays and therapies that can be incorporated into clinical trials. Their work in JMML has largely focused on dissecting the genomic landscape of JMML, including descriptions of PTPN11 and CBL mutations and the discovery of CBL as a new familial tumor suppressor gene. From these discoveries, Dr. Loh established JMML CLIA molecular diagnostic testing, which is now utilized as standard testing for patients suspected of having JMML. Dr. Loh is currently Chair of the Children's Oncology Group (COG) ALL committee starting in April 2015 and responsible for supervising and implementing the next generation of national ALL trials for children, adolescents, and young adults.

http://cancer.ucsf.edu/people/profiles/loh_mignon.3407

SATURDAY | JUNE 1, 2019

Cancer Prevention Through Human Papillomavirus Vaccination

Authors*: Joel Palefsky, MD

Abstract #:

Abstract link:

Presentation Date/Time: Saturday, June 1, 8:00 AM - 8:15 AM

Location: S100bc

Presentation: Education Session

Palefsky Research Interests: I am the founder and chair of the HPV Working Group of the NCI AIDS Malignancy Consortium and the head of the AMC HPV Virology Core Lab. I have extensive experience in studying the molecular biology of HPV infection in HIV-positive men and women and in the design and implementation of clinical research trials of HPV-related disease in this population. I am the protocol chair of the ANCHOR study, an eight-year, 15-site NCI/NIH-funded randomized controlled trial designed to determine whether treatment of anal high-grade squamous intraepithelial lesions prevents anal cancer in HIV-infected men and women. As the founder and director of the Anal Neoplasia Clinic, Research and Education Center at UCSF, I oversee training of clinicians from around the world in high-resolution anoscopy, anal biopsy, and office-based treatment. I have an active international research program, including currently active studies in India, Costa Rica and Thailand.

http://cancer.ucsf.edu/people/profiles/palefsky_joel.3581

Association of STK11/LKB1 genomic alterations with lack of benefit from the addition of pembrolizumab to platinum doublet chemotherapy in non-squamous non-small cell lung cancer.

Authors*: Ferdinandos Skoulidis, Kathryn Cecilia Arbour, Matthew David Hellmann, Pradnya Dinkar Patil, Melina Elpi Marmarelis, Mark M. Awad, Joseph Christopher Murray, Jessica Hellyer, Justin F. Gainor, Anastasios Dimou, Christine M. Bestvina, Catherine A. Shu, Jonathan W. Riess, **Collin Michael Blakely**, Chad Victor Pecot, Laura Mezquita, Fabrizio Tabbò, Matthias Scheffler, Vassiliki Papadimitrakopoulou, John Heymach

Abstract #: 102

Abstract link: http://abstracts.asco.org/239/AbstView_239_265389.html

Presentation Date/Time: Saturday, June 1, 8:36 AM - 8:48 AM

Location: Hall D1

Presentation: Clinical Science Symposium

Blakely Research Interests: The primary focus of my research is to translate laboratory-based findings into novel investigator sponsored trials that aim to assess the safety and efficacy of rationally designed targeted therapies for lung cancer patients. My goals are to: 1) define how TKI resistance pathways evolve at the tumor genome, transcriptome and molecular signaling levels within lung cancers and to translate these findings into novel prognostic and predictive biomarkers that may predict TKI resistance before it occurs; 2) develop investigator sponsored clinical trials to test rational companion therapies that can prevent, delay, or overcome TKI resistance, 3) develop investigator sponsored clinical trials to target recently identified oncogenic pathways, outside of EGFR and ALK, that drive NSCLC; and 4) establish a cohort of patient-derived xenograft (PDX) mice to foster research that aims to further understand the molecular mechanisms of response and resistance to TKI therapies in lung cancer

<https://top.ucsf.edu/meet-the-team/medical-oncologists/collin-blakely,-md,-phd.aspx>

Genetic determinants of adverse events in cancer patients receiving immune checkpoint inhibitors.

Authors*: Noha Abdel-Wahab, Robert K Yu, Adi Diab, Ramona Dadu, Vickie Shannon, Andrew Futreal, **Lindsey A. Criswell**, Sanjay Shete, Maria E. Suarez-Almazor

Abstract #: 2586

Abstract link: http://abstracts.asco.org/239/AbstView_239_270319.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Criswell Research Interests: My research focuses on the genetics and epidemiology of human autoimmune disease, particularly rheumatoid arthritis (RA) and systemic lupus erythematosus (SLE). We have devoted substantial effort to the performance of genome wide association (GWA) and other genetics studies, which have led to the identification of over 30 genes that contribute to risk and outcome of these disorders. Given the heterogeneity of these disorders, we are also devoting substantial effort to the refinement of genotype-phenotype associations, such as the specificity of genetic associations for serologic or clinical sub-phenotypes. Given the strong association of the MHC region with multiple autoimmune disorders, we are performing fine mapping studies of this region to further define the complex genetic associations of this region with SLE, RA and related phenotypes. We are also pursuing studies designed to better understand ethnic differences and the contribution of epigenetic factors in autoimmune disease risk and outcome.

<https://profiles.ucsf.edu/lindsey.criswell>

Quantitative MHC II protein expression levels in tumor epithelium to predict response to the PD1 inhibitor pembrolizumab in the I-SPY 2 Trial.

Authors*: Julia Dianne Wulfkuhle, **Christina Yau**, **Denise M. Wolf**, Rosa Isela Gallagher, **Lamorna Brown Swigart**, **Gillian L. Hirst**, **Michael Campbell**, Rita Nanda, Minetta C. Liu, Lajos Pusztai, **Laura Esserman**, Donald A. Berry, **Laura van 't Veer**, Emanuel Petricoin, I-SPY 2 Investigators

Abstract #: 2631

Abstract link: http://abstracts.asco.org/239/AbstView_239_259077.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

van 't Veer Research Interests: Dr. van 't Veer's research focuses on personalized medicine & advancing patient management based on knowledge of the genetic makeup of the tumor as well as the genetic makeup of the patient. Her laboratory investigates human kinases & how kinase inhibitors elicit response & resistance, which is also utilized to understand agent efficacy in the I-SPY 2 TRIAL. She is the PI of the Athena Breast Health Network, a 150,000 women cohort study evaluating new paradigms to enhance breast health. She leads the targeted genome testing of 100,000 women for 9 breast cancer susceptibility genes and a selection of ~100 known susceptibility SNPs. She is one of the PIs for the NIH Big Data to Knowledge Center Translational Genomics, facilitating worldwide standardization of sharing annotated genomics data.

http://cancer.ucsf.edu/people/profiles/vantveer_laura.3358

An open label, multicenter, phase 1b/2 study of rebastinib (DCC-2036) in combination with carboplatin to assess safety, tolerability, and pharmacokinetics in patients with advanced or metastatic solid tumors.

Authors*: Anthony W. Tolcher, **Pamela N. Munster**, Lee S. Rosen, Curran Murphy, Christian Argueta, Keisuke Kuida, Rodrigo Ruiz-Soto, Filip Janku

Abstract #: TPS2666

Abstract link: http://abstracts.asco.org/239/AbstView_239_264097.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Munster Research Interests: Our lab is interested in developing novel strategies to overcome hormone therapy resistance in breast cancer.

http://cancer.ucsf.edu/people/profiles/munster_pamela.3449

Exceptional responders to abexinostat (ABX) plus pazopanib (PAZ) in pretreated renal cell carcinoma (RCC) and other solid tumors: Long-term follow-up of a phase 1b study.

Authors*: Rahul Raj Aggarwal, Scott Thomas, Nela Pawlowska, Jennifer A. Grabowsky, Susan Calabrese, Phu Lam, Kathleen Comerford, Daphne Bautista, Pamela N. Munster

Abstract #: 3022

Abstract link: http://abstracts.asco.org/239/AbstView_239_263401.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Aggarwal Research Interests: I am an Associate Clinical Professor of Medicine in the Department of Medicine, Hematology/Oncology within the Genitourinary Oncology and Developmental Therapeutics programs. My research program is focused upon developing novel therapeutic and imaging strategies for patients with advanced prostate cancer. I serve as Co-Investigator in the ongoing Prostate Cancer Foundation/SU2C-funded West Coast Dream Team prostate cancer consortium, focused on clinically and genomically characterizing metastatic tumor biopsies, including those with oligometastatic disease. Thus far approximately 10% of our patients have oligometastatic disease, and we anticipate a larger percentage as begin to biopsy patients earlier in their disease course. The infrastructure of this program will provide the mechanism to genomically characterize oligometastatic disease and compare with patients with more extensive disease, to understand if there are intrinsic biologic differences between these disease subtypes.

http://cancer.ucsf.edu/people/profiles/aggar%20wal_rahul.7339

PDX validation of a 3D microtumor platform.

Authors*: Ellen Sampson, Katya Nikolov, Paul T. Henderson, **Christian Apfel**, Chong-xian Pan, Maike Zimmermann, Ai-Hong Ma

Abstract #: 3029

Abstract link: http://abstracts.asco.org/239/AbstView_239_262913.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Associations of insulin-like growth factor binding proteins and adiponectin with disease progression and mortality in metastatic colorectal cancer: Results from CALGB/SWOG 80405 (Alliance).

Authors*: Brendan John Guercio, **Alan P. Venook**, Sui Zhang, Fang-Shu Ou, Donna Niedzwiecki, Heinz-Josef Lenz, Federico Innocenti, Michael N. Pollak, Andrew B. Nixon, Michelle R. Mahoney, Bert O'Neil, James Edward Shaw, Blase N. Polite, Crystal S. Denlinger, James Norman Atkins, Richard M. Goldberg, Robert J. Mayer, Charles David Blanke, Charles S. Fuchs, Jeffrey A. Meyerhard

Abstract #: 3035

Abstract link: http://abstracts.asco.org/239/AbstView_239_247819.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Venook Research Interests: Dr. Alan Venook is an internationally renowned expert in colorectal and liver cancers at the UCSF Helen Diller Family Comprehensive Cancer Center. He is highly regarded for his expertise in the effective use of the newest approaches and therapies to the treatment of colorectal cancer, as well treating primary and metastatic tumors to the liver. Dr. Venook has led and/or authored six major studies within the cooperative groups and served as Chair of the GI Committee of the Alliance for Clinical Trials in Oncology (formerly CALGB) from 2010-2015.

http://cancer.ucsf.edu/people/profiles/venook_alan.3698

Changes in DNA hydroxymethylation for the detection of multiple cancers in plasma cell-free DNA.

Authors*: Anna Bergamaschi, Francois Collins, Chris Ellison, Yuhong Ning, Gulfem Guler, Tierney Phillips, Erin McCarthy, Wendy Wang, Michael Antoine, Jeremy Ku, Aaron Scott, **Paul Lloyd**, **Alan Ashworth**, Samuel Levy

Abstract #: 3058

Abstract link: http://abstracts.asco.org/239/AbstView_239_270741.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Molecular biology and treatment strategies for non-V600 BRAF-mutant NSCLC.

Authors*: Marcelo Vailati Negrao, Victoria M. Raymond, Richard B. Lanman, Patrick Kwok Shing Ng, Rebecca Nagy, Kimberly Banks, Viola Weijia Zhu, Bianca E Amador, Emily Roarty, Young Kwang Chae, Jeffrey Melson Clarke, Jeffrey Crawford, Sai-Hong Ignatius Ou, David R. Gandara, John Heymach, **Trever Grant Bivona**, **Caroline Elizabeth McCoach**

Abstract #: 3102

Abstract link: http://abstracts.asco.org/239/AbstView_239_265143.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

McCoach Research Interests: Caroline McCoach is a thoracic oncologist who focuses on the treatment of patients with lung cancer as well as other thoracic malignancies. Her goal is to provide a personalized approach to treatment, based on each patient's cancer type in combination with their individual treatment goals. Her primary research focus is on treatment of cancers driven by genetic mutations or alterations such as ALK, ROS1, EGFR, and others. She is also working to find treatments to prevent or delay the development of resistance to targeted therapies as well as increase the efficacy of standard targeted therapies by using rational combination treatments. She works closely with laboratory-based researchers to develop new and improved treatments for lung cancer patients.

<https://profiles.ucsf.edu/caroline.mcccoach>

Molecular differences between lymph nodes (LNs) and distant metastases (mets) in colorectal cancer (CRC).

Authors*: Alberto Puccini, Joanne Xiu, Richard M. Goldberg, Axel Grothey, Anthony Frank Shields, Mohamed E. Salem, Andreas Seeber, Francesca Battaglin, Martin D. Berger, Wafik S. El-Deiry, Ryuma Tokunaga, Madiha Naseem, Wu Zhang, Sukeshi Patel Arora, Moh'd M. Khushman, Michael J. Hall, Philip Agop Philip, John Marshall, **Wolfgang Michael Korn**, Heinz-Josef Lenz

Abstract #: 3130

Abstract link: http://abstracts.asco.org/239/AbstView_239_255113.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

HER family protein expression and activation predicts response to combination T-DM1/pertuzumab in HER2+ patients in the I-SPY 2 TRIAL.

Authors*: Julia Dianne Wulfkuhle, **Denise M. Wolf**, **Christina Yau**, Rosa Isela Gallagher, **Lamorna Brown Swigart**, Gillian L. Hirst, Douglas Yee, Paula Raffin Pohlmann, Anthony D. Elias, Stacy L. Moulder, Debu Tripathy, Angela DeMichele, **Laura Esserman**, Donald A. Berry, **Laura van 't Veer**, Emanuel Petricoin, I-SPY 2 Investigators

Abstract #: 3133

Abstract link: http://abstracts.asco.org/239/AbstView_239_259141.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

van 't Veer Research Interests: Dr. van 't Veer's research focuses on personalized medicine & advancing patient management based on knowledge of the genetic makeup of the tumor as well as the genetic makeup of the patient. Her laboratory investigates human kinases & how kinase inhibitors elicit response & resistance, which is also utilized to understand agent efficacy in the I-SPY 2 TRIAL. She is the PI of the Athena Breast Health Network, a 150,000 women cohort study evaluating new paradigms to enhance breast health. She leads the targeted genome testing of 100,000 women for 9 breast cancer susceptibility genes and a selection of ~100 known susceptibility SNPs. She is one of the PIs for the NIH Big Data to Knowledge Center Translational Genomics, facilitating worldwide standardization of sharing annotated genomics data.

http://cancer.ucsf.edu/people/profiles/vantveer_laura.3358

Gene expression signature associated with in vitro dexamethasone resistance and post-induction minimal residual disease in pediatric T-cell acute lymphoblastic leukemia.

Authors*: Lauren K. Meyer, **Cristina Delgado-Martin**, **Ritu Roy**, **Benjamin J. Huang**, Tiffaney Vincent, **Adam Olshen**, Brent L. Wood, Yu Liu, Jinghui Zhang, Charles Grenfell Mullighan, Terzah M. Horton, **Mignon L. Loh**, Meenakshi Devidas, Elizabeth A. Raetz, Robert J. Hayashi, Stuart Winter, Kimberly P. Dunsmore, Stephen Hunger, David T. Teachey, **Michelle L. Hermiston**

Abstract #: 10033

Abstract link: http://abstracts.asco.org/239/AbstView_239_268857.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Hermiston Research Interests: Dr. Hermiston directs the Pediatric Immunotherapy Program. Her research interests are focused on defining the signaling networks involved in the development of lymphoid malignancies, including leukemia and lymphoma. Her team also studies how these signaling networks mediate chemotherapy resistance and how targeted therapies may restore chemosensitivity. Additionally, she is part of a team developing infrastructure for care of children with cancer in Vietnam.

<http://profiles.ucsf.edu/michelle.hermiston>

Poverty and survival in targeted immunotherapy clinical trials.

Authors*: Kira O'Neil Bona, Yimei Li, **Lena Winestone**, Kelly D. Getz, Yuan-Shung Huang, Brian Fisher, Ami Vijay Desai, Troy Richardson, Matt Hall, Arlene Naranjo, Tara O. Henderson, Richard Aplenc, Rochelle Bagatell

Abstract #: 10034

Abstract link: http://abstracts.asco.org/239/AbstView_239_248937.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Winestone Research Interests: Dr. Lena Winestone is clinically focused on pediatric blood and marrow transplant. Dr. Winestone's research explores racial, ethnic, and socioeconomic disparities in access to care and outcome of leukemia and lymphoma treatment. She has studied access to care across the continuum of cancer from diagnosis and clinical trial enrollment through treatment and relapse to salvage therapies. Her research related to delays at diagnosis is focused on determining the predictive factors, so that appropriate interventions and policies can be implemented to improve access to care. In addition, her ongoing work has demonstrated a link between poverty, insurance, and survival in pediatric oncology patients. She has also shown that certain populations are less likely to be enrolled on upfront cancer clinical trials. Her ongoing work investigates access to highly specialized and complex therapies such as stem cell transplant, chimeric antigen receptor T cells, and MIBG therapy.

http://cancer.ucsf.edu/people/profiles/winestone_lena.9218

Impact of low-income public insurance on survival for children and young adults with bone and soft tissue sarcomas.

Authors*: Neela Lakshmi Penumarthy, Robert Goldsby, **Lena Winestone**

Abstract #: 10037

Abstract link: http://abstracts.asco.org/239/AbstView_239_256575.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Winestone Research Interests: Dr. Lena Winestone is clinically focused on pediatric blood and marrow transplant. Dr. Winestone's research explores racial, ethnic, and socioeconomic disparities in access to care and outcome of leukemia and lymphoma treatment. She has studied access to care across the continuum of cancer from diagnosis and clinical trial enrollment through treatment and relapse to salvage therapies. Her research related to delays at diagnosis is focused on determining the predictive factors, so that appropriate interventions and policies can be implemented to improve access to care. In addition, her ongoing work has demonstrated a link between poverty, insurance, and survival in pediatric oncology patients. She has also shown that certain populations are less likely to be enrolled on upfront cancer clinical trials. Her ongoing work investigates access to highly specialized and complex therapies such as stem cell transplant, chimeric antigen receptor T cells, and MIBG therapy.

http://cancer.ucsf.edu/people/profiles/winestone_lena.9218

Male fertility preservation (FP) at pediatric cancer centers: A report from the Children's Oncology Group (COG).

Authors*: Jennifer Levine, Julianne Brackett, Brooke Cherven, Natasha Frederick, James L. Klosky, Sameeya Ahmed-Winston, Elyse Bryson, Joanne Frankel Kelvin, Gwendolyn P. Quinn, Lillian R. Meacham, David Robert Freyer, **Christopher C. Dvorak**, Eric Jessen Chow

Abstract #: 10050

Abstract link: http://abstracts.asco.org/239/AbstView_239_248577.html

Presentation Date/Time: Saturday, June 1, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Dvorak Research Interests: My primary research focus is the supportive care aspects of pediatric HCT, with a goal of decreasing treatment-related morbidity and mortality. I am the immediate past Chair of the international Pediatric Blood and Marrow Transplant Consortium's (PBMTC) Supportive Care Strategy Group. In the Children's Oncology Group (COG), I am both the Chair of the Cancer Control & Supportive Care Committees, and serve on the Stem Cell Transplant and Cellular Therapy Steering Committees, overseeing the design of clinical trials in this field.

https://cancer.ucsf.edu/people/profiles/dvorak_christopher.3611

Integrating concept maps into a medical student oncology curriculum.

Authors*: Sam Brondfield, Allen Seol, Katherine Hyland, Arianne Teherani, Gerald Hsu

Abstract #: 10506

Abstract link: http://abstracts.asco.org/239/AbstView_239_248611.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Diagnostic performance of 18F-DCFPyL in the OSPREY Trial: A prospective phase 2/3 multicenter study of 18F-DCFPyL PET/CT imaging in patients (Pts) with known or suspected metastatic prostate cancer (mPC).

Authors*: Michael J. Morris, Jeremy C. Durack, Ajai Shivaram Alva, Hebert Alberto Vargas, Morand Piert, Russell Kent Pachynski, Frederic Pouliot, Jean-Mathieu Beauregard, Mark A. Preston, Atish Dipankar Choudhury, Lawrence Saperstein, **Peter Carroll**, Steven P. Rowe, Kenneth J. Pienta, Tess Lin, Vivien Wong, Melissa Nichols, Jessica Donato Jensen, Barry A. Siegel

Abstract #: 5012

Abstract link: http://abstracts.asco.org/239/AbstView_239_254227.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Carroll Research Interests: Dr. Carroll's prostate cancer research interests include identifying clinical and pathologic determinants of disease recurrence, progression, and mortality; and improving diagnostics and prognostics. He is an international leader in utilizing active surveillance for men with low risk cancer, collaborating in numerous studies to refine eligibility, safety, and monitoring for surveillance. He is PI for CaPSURE, a disease registry of over 15,000 men enrolled at 43 sites nationwide. Other prostate cancer research efforts focus on quantitative metabolic, molecular, and imaging markers and lifestyle factors as novel predictors of disease progression to distinguish patients who may safely avoid radical treatment from those who may benefit from early treatment. In 2013, he was awarded a \$9.35 million-dollar Department of Defense Prostate Cancer Research Program Transformative Impact Award to "transform and revolutionize" the treatment of prostate cancer.

http://cancer.ucsf.edu/people/profiles/carroll_peter

Prospective head-to-head comparative phase 3 study between 18F-fluciclovine and 68Ga-PSMA-11 PET/CT in patients with early biochemical recurrence of prostate cancer.

Authors*: Jeremie Calais, Francesco Ceci, Matthias Eiber, Tore Bach-Gansmo, Cristina Nanni, Bitai Savir-Baruch, Michael Hofman, **Tom Hope**, Christoph Rischpler, David Elashoff, Tristan Grogan, Magnus Dahlbom, Roger Slavik, Jeannine Gartmann, Robert Evan Reiter, Matthew Rettig, Hossein Jadvar, Wolfgang P Fendler, Johannes Czernin

Abstract #: 5014

Abstract link: http://abstracts.asco.org/239/AbstView_239_265923.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Hope Research Interests: My research program is focused on imaging cancer using MRI and novel PET tracers. I have developed the gallium-68 DOTA-TOC imaging program for neuroendocrine tumor staging, and am the PI on the FDA IND. I have also successfully brought Ga-68 PSMA imaging to UCSF and am also interested in using somatostatin receptor and PSMA based PET agents in order to distinguish neuroendocrine prostate cancer from adenocarcinoma. I believe that the combination of MR and PET parameters will aid in the staging of cancers. Most straightforward is a study we are carrying out in low risk prostatectomy patients where we are evaluating the use of PET/MRI using Ga-68 PSMA and MR imaging of the primary tumor. In the setting of patients with metastatic disease, PET/MRI will likely have an even more important role, as response to treatment will change uptake of non-FDG tracers in ways that are not immediately clear and interpretation will likely rely on changes in MR imaging parameters such as diffusion weighted imaging (DWI).

http://cancer.ucsf.edu/people/profiles/hope_thomas.7336

PSA decline and objective response rates in White (W), Black (B), and Asian men with metastatic castration-resistant prostate cancer (mCRPC).

Authors*: Susan Halabi, Sandipan Dutta, Kim N. Chi, Catherine M. Tangen, Mengdi Xuan, Daniel Peter Petrylak, John C. Araujo, Karim Fizazi, David I. Quinn, Michael J. Morris, Celestia S. Higano, Ian Tannock, **Eric Jay Small**, William Kevin Kelly

Abstract #: 5021

Abstract link: http://abstracts.asco.org/239/AbstView_239_248701.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Small Research Interests: Dr. Eric Small's current research program is based in the hypothesis that resistance to hormonal therapy for prostate cancer occurs when cancer cells exploit common cellular processes ultimately to evade the therapies, allowing disease progression. By identifying such "adaptive" mechanisms and inhibiting them, it is expected that treatment resistance may be delayed or prevented, profoundly improving the care of men affected by this fatal disease.

http://cancer.ucsf.edu/people/profiles/small_eric.3671

External validation of a prognostic model for overall survival (OS) in men with metastatic castration-resistant prostate cancer (mCRPC).

Authors*: Susan Halabi, Sandipan Dutta, John C. Araujo, Christopher Logothetis, Cora N. Sternberg, Andrew J. Armstrong, Michael Anthony Carducci, Kim N. Chi, Johann S. De Bono, Daniel Peter Petrylak, Karim Fizazi, Celestia S. Higano, **Eric Jay Small**, William Kevin Kelly; Duke University Medical Center, Durham, NC; Duke University, Durham, NC

Abstract #: 5022

Abstract link: http://abstracts.asco.org/239/AbstView_239_248703.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Small Research Interests: Dr. Eric Small's current research program is based in the hypothesis that resistance to hormonal therapy for prostate cancer occurs when cancer cells exploit common cellular processes ultimately to evade the therapies, allowing disease progression. By identifying such "adaptive" mechanisms and inhibiting them, it is expected that treatment resistance may be delayed or prevented, profoundly improving the care of men affected by this fatal disease.

http://cancer.ucsf.edu/people/profiles/small_eric.3671

Efficacy of apalutamide (APA) plus ongoing androgen deprivation therapy (ADT) in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC) and baseline (BL) comorbidities (CM).

Authors*: Eric Jay Small, Fred Saad, Simon Chowdhury, Stephane Oudard, Boris A. Hadaschik, Julie Nicole Graff, David Olmos, Paul N. Mainwaring, Ji Youl Lee, Hiroji Uemura, Angela Lopez-Gitlitz, Anil Londhe, Amitabha Bhaumik, Shinta Cheng, Oliver Brendan Rooney, Matthew Raymond Smit

Abstract #: 5023

Abstract link: http://abstracts.asco.org/239/AbstView_239_249563.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Small Research Interests: Dr. Eric Small's current research program is based in the hypothesis that resistance to hormonal therapy for prostate cancer occurs when cancer cells exploit common cellular processes ultimately to evade the therapies, allowing disease progression. By identifying such "adaptive" mechanisms and inhibiting them, it is expected that treatment resistance may be delayed or prevented, profoundly improving the care of men affected by this fatal disease.

http://cancer.ucsf.edu/people/profiles/small_eric.3671

Age-related efficacy and safety of apalutamide (APA) plus ongoing androgen deprivation therapy (ADT) in subgroups of patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC): Post hoc analysis of SPARTAN.

Authors*: Julie Nicole Graff, Matthew Raymond Smith, Fred Saad, Boris A. Hadaschik, Hiroji Uemura, Ji Youl Lee, Paul N. Mainwaring, David Olmos, Stephane Oudard, Anil Londhe, Amitabha Bhaumik, Oliver Brendan Rooney, Angela Lopez-Gitlitz, **Eric Jay Small**

Abstract #: 5024

Abstract link: http://abstracts.asco.org/239/AbstView_239_249571.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Small Research Interests: Dr. Eric Small's current research program is based in the hypothesis that resistance to hormonal therapy for prostate cancer occurs when cancer cells exploit common cellular processes ultimately to evade the therapies, allowing disease progression. By identifying such "adaptive" mechanisms and inhibiting them, it is expected that treatment resistance may be delayed or prevented, profoundly improving the care of men affected by this fatal disease.

http://cancer.ucsf.edu/people/profiles/small_eric.3671

Predictors of falls and fractures in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC) treated with apalutamide (APA) plus ongoing androgen deprivation therapy (ADT).

Authors*: YaoYao Guan Pollock, Matthew Raymond Smith, Fred Saad, Simon Chowdhury, Stephane Oudard, Boris A. Hadaschik, David Olmos, Paul N. Mainwaring, Ji Youl Lee, Hiroji Uemura, Amitabha Bhaumik, Anil Londhe, Oliver Brendan Rooney, Angela Lopez-Gitlitz, Suneel Mundle, Shinta Cheng, **Eric Jay Small**

Abstract #: 5025

Abstract link: http://abstracts.asco.org/239/AbstView_239_249573.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Small Research Interests: Dr. Eric Small's current research program is based in the hypothesis that resistance to hormonal therapy for prostate cancer occurs when cancer cells exploit common cellular processes ultimately to evade the therapies, allowing disease progression. By identifying such "adaptive" mechanisms and inhibiting them, it is expected that treatment resistance may be delayed or prevented, profoundly improving the care of men affected by this fatal disease.

http://cancer.ucsf.edu/people/profiles/small_eric.3671

Overall survival (OS) of African-American (AA) and Caucasian (CAU) men who received sipuleucel-T for metastatic castration-resistant prostate cancer (mCRPC): Final PROCEED analysis.

Authors*: A. Oliver Sartor, Andrew J. Armstrong, Chiledum Ahaghotu, David G. McLeod, **Matthew R. Cooperberg**, David F. Penson, Philip W. Kantoff, Nicholas J. Vogelzang, Arif Hussain, Christopher Michael Pieczonka, Neal D. Shore, David I. Quinn, **Eric Jay Small**, Elisabeth I. Heath, Ronald F. Tutrone, Paul F. Schellhammer, Matthew Harmon, Nancy N. Chang, Stephen J. Freedland, Celestia S. Higano

Abstract #: 5035

Abstract link: http://abstracts.asco.org/239/AbstView_239_258091.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Cooperberg Research Interests: Dr. Cooperberg's clinical interests are early detection, diagnosis & management of GU malignancies. His research focus is prostate cancer, particularly in 1) health services research, documenting trends & regional variation in the use of diagnostic, imaging & therapeutic interventions; 2) risk assessment, developing & validating prognostic tools including novel biomarker and imaging tests; 3) comparative effectiveness research, examining the relative benefits of treatments in terms of cancer control, QoL, & cost; and 4) decision support and survivorship, helping men make better-informed decisions about treatment options & management. He has led efforts by the American Urological Association to develop and launch the national AUA Quality registry & continues to serve as senior physician advisor to the project.

http://cancer.ucsf.edu/people/profiles/cooperberg_matthew

Randomized phase II trial of a DNA vaccine encoding prostatic acid phosphatase (pTVG-HP) versus GM-CSF adjuvant in patients with PSA-recurrent prostate cancer.

Authors*: Glenn Liu, **Lawrence Fong**, Emmanuel S. Antonarakis, Jens C. Eickhoff, Ellen G. Wargowski, Laura E. Johnson, Robert Jeraj, Douglas G. McNeel

Abstract #: 5037

Abstract link: http://abstracts.asco.org/239/AbstView_239_260579.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Fong Research Interests: My lab focuses on how the immune system interacts with cancer as well as exploring tumor immunotherapies in mouse models and in patients. Our primary focus is in immunotherapy of solid malignancies. We investigate how immunotherapies such as immune checkpoint inhibitors and cancer vaccines can enhance anti-tumor immunity both systemically and in the tumor microenvironment. Performing neoadjuvant immunotherapy trials, we determine how specific therapies can recruit immune effectors in cancer patients. Moreover, we have studied how clinical responders may differ from clinical non-responders. We are applying unbiased approaches to studying antigen-specific responses that are modulated in these patients and are currently developing biomarkers that may be predictive of clinical efficacy.

https://cancer.ucsf.edu/people/profiles/fong_lawrence.3521

Clinical and genomic hallmarks of low PSA secretors in metastatic castration-resistant prostate cancer (mCRPC).

Authors*: **Gustavo Rubio Romero**, Alana Weinstein, Verena Friedl, **Adam Foye**, Denise Playdle, **Alexis Sabol**, **Patricia Li**, Jiaoti Huang, **Felix Y Feng**, Joshua M. Stuart, **Eric Jay Small**, **Rahul Raj Aggarwal**

Abstract #: 5051

Abstract link: http://abstracts.asco.org/239/AbstView_239_267897.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Aggarwal Research Interests: I am an Associate Clinical Professor of Medicine in the Department of Medicine, Hematology/Oncology within the Genitourinary Oncology and Developmental Therapeutics programs. My research program is focused upon developing novel therapeutic and imaging strategies for patients with advanced prostate cancer. I serve as Co-Investigator in the ongoing Prostate Cancer Foundation/SU2C-funded West Coast Dream Team prostate cancer consortium, focused on clinically and genomically characterizing metastatic tumor biopsies, including those with oligometastatic disease. Thus far approximately 10% of our patients have oligometastatic disease, and we anticipate a larger percentage as begin to biopsy patients earlier in their disease course. The infrastructure of this program will provide the mechanism to genomically characterize oligometastatic disease and compare with patients with more extensive disease, to understand if there are intrinsic biologic differences between these disease subtypes.

http://cancer.ucsf.edu/people/profiles/aggarwal_rahul.7339

Complex biologic heterogeneity of de novo hormone naïve metastatic prostate cancer (HNPCa): Comparison of early progressors and prolonged responders to initial systemic treatment.

Authors*: Brian Francis Chapin, Xuemei Wang, Miao Zhang, Paul Gettys Corn, Amado J. Zurita, Mohamed A Elsheshtawi, John W. Davis, Curtis Alvin Pettaway, Mehrad Adibi, Martin Gleave, **Matthew R. Cooperberg**, Marc C. Smaldone, Sean Eric McGuire, Shi-Ming Tu, Jennifer Wang, Sumit Kumar Subudhi, Eleni Efsthathiou, Christopher Logothetis, Patricia Troncoso, Ana Aparicio

Abstract #: 5055

Abstract link: http://abstracts.asco.org/239/AbstView_239_269991.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Cooperberg Research Interests: Dr. Cooperberg's clinical interests are early detection, diagnosis & management of GU malignancies. His research focus is prostate cancer, particularly in 1) health services research, documenting trends & regional variation in the use of diagnostic, imaging & therapeutic interventions; 2) risk assessment, developing & validating prognostic tools including novel biomarker and imaging tests; 3) comparative effectiveness research, examining the relative benefits of treatments in terms of cancer control, QoL, & cost; and 4) decision support and survivorship, helping men make better-informed decisions about treatment options & management. He has led efforts by the American Urological Association to develop and launch the national AUA Quality registry & continues to serve as senior physician advisor to the project.

http://cancer.ucsf.edu/people/profiles/cooperberg_matthew

CALGB 90203 (Alliance): Radical prostatectomy (RP) with or without neoadjuvant chemohormonal therapy (CHT) in men with clinically localized, high-risk prostate cancer (CLHRPC).

Authors*: James Andrew Eastham, Glenn Heller, Susan Halabi, Paul Monk, Steven K. Clinton, Russell Zelig Szmulewitz, Jonathan Coleman, Martin Gleave, Christopher P. Evans, David W. Hillman, Himisha Beltran, Mary-Ellen Taplin, Olwen Mary Hahn, J Kellogg Parsons, **Eric Jay Small**, James Mohler, Michael J. Morris

Abstract #: 5079

Abstract link: http://abstracts.asco.org/239/AbstView_239_264161.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Small Research Interests: Dr. Eric Small's current research program is based in the hypothesis that resistance to hormonal therapy for prostate cancer occurs when cancer cells exploit common cellular processes ultimately to evade the therapies, allowing disease progression. By identifying such "adaptive" mechanisms and inhibiting them, it is expected that treatment resistance may be delayed or prevented, profoundly improving the care of men affected by this fatal disease.

http://cancer.ucsf.edu/people/profiles/small_eric.3671

IMPACT: Immunotherapy in patients with metastatic cancers and CDK12 mutations.

Authors*: Melissa Andrea Reimers, Wassim Abida, **Jonathan Chou**, Daniel J. George, Elisabeth I. Heath, Rana R. McKay, Russell Kent Pachynski, Jingsong Zhang, Jae Eun Choi, **Felix Y Feng**, Gina Neshewat, Marcin Cieslik, Stephanie Daignault-Newton, **Eric Jay Small**, Arul Chinnaiyan, Ajjai Shivaram Alva

Abstract #: TPS5091

Abstract link: http://abstracts.asco.org/239/AbstView_239_254241.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Feng Research Interests: Dr. Felix Feng is a leader in translational research in prostate cancer. The primary aim of Dr. Feng's research program is to individualize therapy for patients with aggressive disease, by identifying determinants of treatment resistance and developing strategies to overcome this resistance. To enhance current clinical approaches from a biological perspective, his laboratory and dedicated research team are pursuing three major goals: 1) to identify novel molecular biomarkers of aggressive prostate cancer, 2) to understand the mechanisms by which several of these biomarkers drive disease progression, and 3) to develop therapeutic approaches to target these disease drivers.

<https://radonc.ucsf.edu/felix-feng>

A phase III, multicenter study to assess the diagnostic performance and clinical impact of 18F-DCFPyL PET/CT in men with suspected recurrence of prostate cancer (CONDOR).

Authors*: Michael J. Morris, Frederic Pouliot, Lawrence Saperstein, Steven P. Rowe, Michael A. Gorin, David Y. Josephson, Jeffrey Y.C. Wong, **Peter Carroll**, Tess Lin, Nancy Stambler, Vivien Wong, Jessica Donato Jensen, Barry A. Siegel

Abstract #: TPS5093

Abstract link: http://abstracts.asco.org/239/AbstView_239_259509.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Carroll Research Interests: Dr. Carroll's prostate cancer research interests include identifying clinical and pathologic determinants of disease recurrence, progression, and mortality; and improving diagnostics and prognostics. He is an international leader in utilizing active surveillance for men with low risk cancer, collaborating in numerous studies to refine eligibility, safety, and monitoring for surveillance. He is PI for CaPSURE, a disease registry of over 15,000 men enrolled at 43 sites nationwide. Other prostate cancer research efforts focus on quantitative metabolic, molecular, and imaging markers and lifestyle factors as novel predictors of disease progression to distinguish patients who may safely avoid radical treatment from those who may benefit from early treatment. In 2013, he was awarded a \$9.35 million-dollar Department of Defense Prostate Cancer Research Program Transformative Impact Award to "transform and revolutionize" the treatment of prostate cancer.

http://cancer.ucsf.edu/people/profiles/carroll_peter

Adavosertib with chemotherapy (CT) in patients (pts) with platinum-resistant ovarian cancer (PPROC): An open label, four-arm, phase II study.

Authors*: Kathleen N. Moore, Setsuko K. Chambers, Erika Paige Hamilton, **Lee-may Chen**, Amit M. Oza, Sharad A. Ghamande, Gottfried E. Konecny, Steven C. Plaxe, Daniel Lewis Spitz, Jill J.J. Geenen, Tiffany A. Troso-Sandoval, Janiel M. Cragun, Esteban Rodrigo Imedio, Sanjeev Kumar, Ganesh M. Mugundu, Zhongwu Lai, Juliann Chmielecki, Suzanne Fields Jones, David R. Spigel, Karen Anne Cadoo

Abstract #: 5513

Abstract link: http://abstracts.asco.org/239/AbstView_239_255143.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Chen Research Interests: Dr. Chen is the Division Director in Gynecologic Oncology. She is the institutional PI for the gynecologic oncology program for the NRG cooperative group and works closely with Cancer Genetics and Prevention. She is also the institutional lead on several clinical trials, especially in ovarian and endometrial cancer.

https://cancer.ucsf.edu/people/profiles/chen_lee-may.3563

Alliance A091404: A phase II study of enzalutamide (NSC# 766085) for patients with androgen receptor-positive salivary cancers.

Authors*: Alan Loh Ho, Nathan R. Foster, Alexander J. Zoroufy, Francis P. Worden, Katharine Andress Rowe Price, Douglas Adkins, Daniel W. Bowles, Hyunseok Kang, Barbara Burtress, Eric Jeffrey Sherman, Roscoe F. Morton, Nora Katabi, **Pamela N. Munster**, Gary K. Schwartz

Abstract #: 6020

Abstract link: http://abstracts.asco.org/239/AbstView_239_264543.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Munster Research Interests: Our lab is interested in developing novel strategies to overcome hormone therapy resistance in breast cancer.

http://cancer.ucsf.edu/people/profiles/munster_pamela.3449

NRG-HN003: Phase I and expansion cohort study of adjuvant cisplatin, intensity-modulated radiation therapy (IMRT), and MK-3475 (Pembrolizumab) in high risk head and neck squamous cell carcinoma (HNSCC).

Authors*: Julie E. Bauman, Jonathan Harris, Ravindra Uppaluri, Min Yao, Robert L. Ferris, Josephine Chen, **Richard C. Jordan**, Nikhil Purushottam Joshi, Srinivas Jujjvapar, Dukagjin Blakaj, Mohammad Razaq, Jawad Sheqware, Loren K. Mell, Neilayan Sen, David Anthony Clump, Madhur Garg, Emrullah Yilmaz, Quynh-Thu Le

Abstract #: 6023

Abstract link: http://abstracts.asco.org/239/AbstView_239_261605.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Jordan Research Interests: Dr. Jordan is a pathologist with expertise in the diagnosis of head and neck (HN)/oral tumors. He is the Director of the NRG Oncology Biospecimen Banks with biobanking locations in San Francisco, Houston, Pittsburgh and the Nationwide Children's Hospital in Columbus. It is the largest of the 5 NCI funded co-operative cancer groups enrolling patients into late stage phase 2/phase 3 cancer clinical trials. Dr. Jordan has led and contributed to a wide range of scientific investigation from biologically based, mechanistic studies examining the development of oral cancer, lymphoma and salivary gland diseases to epidemiological studies of these and other cancers. He and collaborators established the now widely cited methods to quantify DNA and RNA aberrations in material sourced from paraffin embedded tissues. His specific research interest includes the studying the role of HPV 16 in HN cancer and the development of more reproducible method to report p16 results for HPV positive HN cancer.

http://cancer.ucsf.edu/people/profiles/jordan_richard.3466

Phase 1b/2, open label, multicenter study of intratumoral SD-101 in combination with pembrolizumab in anti-PD-1 treatment naïve patients with recurrent or metastatic head and neck squamous cell carcinoma (HNSCC).

Authors*: Ezra E.W. Cohen, Lisle Nabell, Deborah J.L. Wong, Terry A Day, Gregory A. Daniels, Mohammed M. Milhem, Sanjeev Deva, Michael B. Jameson, Orlando Guntinas-Lichius, Mohammed Almubarak, Robert Matthew Strother, Eric D. Whitman, Michael Jon Chisamore, Cynthia Chinedu Obiozor, Teresa Bagulho, Albert Candia, Erick Gamelin, Robert Janssen, **Alain Patrick Algazi**

Abstract #: 6039

Abstract link: http://abstracts.asco.org/239/AbstView_239_269729.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Algazi Research Interests: My research interests focus on enhancing anti-tumor immune responses in patients with advanced melanoma and head and neck (H&N) cancer. Anti-tumor immune responses induced by PD-1 antibodies can be limited by inadequate tumor infiltration by effector T-cells, the presence of regulatory cells, or the absence of pro-inflammatory cytokine in the tumor. To bridge this gap, I have been leading clinical trials of intratumoral plasmid injection followed by electroporation of plasmid IL-12, which can induce TIL infiltration and cytokine elaboration. This, in turn, can lead to regression of both injected and uninjected lesions in metastatic melanoma patients with extensive in-transit lesions. Early data suggests that that plasmid IL-12 therapy can augment the activity of checkpoint inhibitors. As UCSF's Program Leader for H&N Medical Oncology and Chair of the H&N Research Committee, I am currently developing a portfolio trials focused on immune therapy in squamous cell carcinoma of the head and neck in working on a collaboration to develop a new mouse model with a humanized immune system to facilitate evaluation of immune therapy combinations optimized for use in humans.

https://cancer.ucsf.edu/people/profiles/algazi_alain.3320

Safety of radiotherapy with concurrent and adjuvant MEDI4736 (durvalumab) in patients with locoregionally advanced head and neck cancer with a contraindication to cisplatin: NRG-HN004.

Authors*: Loren K. Mell, Pedro A. Torres-Saavedra, Stuart J. Wong, Steven Chang, Julie Ann Kish, Andy Minn, **Richard C. Jordan**, Tian Liu, Minh Tam Truong, Julie E. Bauman, Steven Francis Powell, Abderrahim Khomani, Muhammad Kashif Riaz, David Raben, Quynh-Thu Le

Abstract #: 6065

Abstract link: http://abstracts.asco.org/239/AbstView_239_255209.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Jordan Research Interests: Dr. Jordan is a pathologist with expertise in the diagnosis of head and neck (HN)/oral tumors. He is the Director of the NRG Oncology Biospecimen Banks with biobanking locations in San Francisco, Houston, Pittsburgh and the Nationwide Children's Hospital in Columbus. It is the largest of the 5 NCI funded co-operative cancer groups enrolling patients into late stage phase 2/phase 3 cancer clinical trials. Dr. Jordan has led and contributed to a wide range of scientific investigation from biologically based, mechanistic studies examining the development of oral cancer, lymphoma and salivary gland diseases to epidemiological studies of these and other cancers. He and collaborators established the now widely cited methods to quantify DNA and RNA aberrations in material sourced from paraffin embedded tissues. His specific research interest includes the studying the role of HPV 16 in HN cancer and the development of more reproducible method to report p16 results for HPV positive HN cancer.

http://cancer.ucsf.edu/people/profiles/jordan_richard.3466

Safety and disease control achieved with the addition of nivolumab (Nivo) to chemoradiotherapy (CRT) for intermediate (IR) and high-risk (HR) local-regionally advanced head and neck squamous cell carcinoma (HNSCC): RTOG Foundation 3504.

Authors*: Maura L. Gillison, Robert L. Ferris, Jonathan Harris, A. Dimitrios Colevas, Loren K. Mell, Christina Kong, **Richard C. Jordan**, Kevin Moore, Minh Tam Truong, Claudia Kirsch, David Anthony Clump, James Ohr, Kai He, Dukagjin Blakaj, John F. Deeken, Mitchell Machtay, Walter John Curran, Jr., Quynh-Thu Le

Abstract #: 6073

Abstract link: http://abstracts.asco.org/239/AbstView_239_265449.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Jordan Research Interests: Dr. Jordan is a pathologist with expertise in the diagnosis of head and neck (HN)/oral tumors. He is the Director of the NRG Oncology Biospecimen Banks with biobanking locations in San Francisco, Houston, Pittsburgh and the Nationwide Children's Hospital in Columbus. It is the largest of the 5 NCI funded co-operative cancer groups enrolling patients into late stage phase 2/phase 3 cancer clinical trials. Dr. Jordan has led and contributed to a wide range of scientific investigation from biologically based, mechanistic studies examining the development of oral cancer, lymphoma and salivary gland diseases to epidemiological studies of these and other cancers. He and collaborators established the now widely cited methods to quantify DNA and RNA aberrations in material sourced from paraffin embedded tissues. His specific research interest includes the studying the role of HPV 16 in HN cancer and the development of more reproducible method to report p16 results for HPV positive HN cancer.

http://cancer.ucsf.edu/people/profiles/jordan_richard.3466

Disparities in lung cancer outcomes for veterans with comorbid mental disorders.

Authors*: Jacob E Berchuck, **Craig Meyer**, Ning Zhang, Neil Trivedi, Beth Cohen, Sunny Wang

Abstract #: 6577

Abstract link: http://abstracts.asco.org/239/AbstView_239_256039.html

Presentation Date/Time: Saturday, June 1, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

End of phase I results of ZUMA-3, a phase 1/2 study of KTE-X19, anti-CD19 chimeric antigen receptor (CAR) T cell therapy, in adult patients (pts) with relapsed/refractory (R/R) acute lymphoblastic leukemia (ALL).

Authors*: Bijal D. Shah, Michael Russell Bishop, Olalekan O. Oluwole, **Aaron Logan**, Maria R. Baer, William Bruce Donnellan, Kristen Marie Carr-O'Dwyer, Houston Holmes, Martha Lucia Arellano, Armin Ghobadi, John M. Pagel, Yi Lin, Ryan Daniel Cassaday, Jae Hong Park, Armen Mardiros, Tong Shen, Lovely Goyal, Remus Vezan, Rajul K. Jain, William G. Wierda

Abstract #: 7006

Abstract link: http://abstracts.asco.org/239/AbstView_239_266349.html

Presentation Date/Time: Saturday, June 1, 5:00 PM - 5:12 PM

Location: E451

Presentation: Oral Abstract Session

Logan Research Interests: Dr. Aaron Logan is a member of the Adult Hematology and Blood and Marrow Transplantation program. His clinical research encompasses treatments for acute leukemias, myelodysplastic syndrome, post-transplant infectious complications, and graft-versus-host disease (GVHD). In addition to a clinical research program, Dr. Logan is Director of UCSF Hematologic Malignancies Tissue Bank (HMTB), which captures and archives tissue samples from blood cancer patients at UCSF upon diagnosis and during treatment. Dr. Logan has an independent research program that seeks to establish methods to quantify B and T cell reconstitution kinetics after myeloablative and reduced intensity conditioning (RIC) allogeneic hematopoietic cell transplantation (allo-HCT) to yield insights into the effect of conditioning intensity on recovery of diversity in the adaptive immune system, and to determine whether immunologic repertoire diversity correlates with clinical outcomes, including relapse, GVHD, infections, and mixed donor chimerism.

http://cancer.ucsf.edu/people/profiles/logan_aaron.4577

Optimizing Radiotherapy for Head and Neck Cancers

Authors*: Sue Sun Yom, MD, PhD

Abstract #:

Abstract link:

Presentation Date/Time: Saturday, June 1, 5:36 PM - 5:48 PM

Location: S100a

Presentation: Poster Discussion Session

Yom Research Interests: Dr. Yom is an expert in head and neck, thoracic, and skin cancers and conducts research in quality of life, patient-oriented decision making, and combinations of novel systemic and imaging-based therapies with radiation. She is the principal investigator of NRG-HN002, a national trial in de-intensified therapy for HPV-associated oropharyngeal cancer and of RTOG 1707, its planned successor trial. She is the quality of life chair for NRG-HN001, an international trial of EBV-directed adjuvant chemotherapy regimens for nasopharyngeal carcinoma. She serves on national panels developing appropriate use and practice guidelines for head and neck cancer.

<http://profiles.ucsf.edu/sue.yom>

Understanding the Role of Autologous Transplant and Consolidation Strategies: Opinions and Options

Authors*: James L. Rubenstein, MD, PhD

Abstract #:

Abstract link:

Presentation Date/Time: Saturday, June 1, 5:30 PM - 5:45 PM

Location: E450

Presentation: Education Session

Rubenstein Research Interests: The lab of Dr. James Rubenstein, Department of Medicine, works in the field immunotherapy and cancer. Their major interests are in the identification of genetic factors associated with relapse, in tumor cell tropism to the brain, and in defining the tumor microenvironment in order to improve the anti-tumor immune response. They are simultaneously involved in leading phase I and II trials in patients, in conducting correlative studies of the immune response in patients treated with immunotherapy, and in the development of novel preclinical models to understand disease mechanisms.

<https://bms.ucsf.edu/directory/faculty/james-rubenstein-md-phd>

SUNDAY | JUNE 2, 2019

Evolutionary action score of TP53 analysis in pathologically high-risk HPV-negative head and neck cancer from a phase II clinical trial: NRG Oncology RTOG 0234.

Authors*: Chieko Michikawa, Pedro A. Torres-Saavedra, Natalie L. Silver, Paul M. Harari, Merrill S. Kies, David Ira Rosenthal, Quynh-Thu Le, **Richard C. Jordan**, Dzifa Yawa Duose, Saradhi Mallampati, Sanchit Trivedi, Rajyalakshmi Luthra, Ignacio Ivan Wistuba, Olivier Lichtarge, Robert Leonard Foote, Upendra Parvathaneni, David N. Hayes, Curtis R. Pickering, Jeffrey Myers

Abstract #: 6010

Abstract link: http://abstracts.asco.org/239/AbstView_239_248613.html

Presentation Date/Time: Sunday, June 2, 8:24 AM - 8:36 AM

Location: E450

Presentation: Clinical Science Symposium

Jordan Research Interests: Dr. Jordan is a pathologist with expertise in the diagnosis of head and neck (HN)/oral tumors. He is the Director of the NRG Oncology Biospecimen Banks with biobanking locations in San Francisco, Houston, Pittsburgh and the Nationwide Children's Hospital in Columbus. It is the largest of the 5 NCI funded co-operative cancer groups enrolling patients into late stage phase 2/phase 3 cancer clinical trials. Dr. Jordan has led and contributed to a wide range of scientific investigation from biologically based, mechanistic studies examining the development of oral cancer, lymphoma and salivary gland diseases to epidemiological studies of these and other cancers. He and collaborators established the now widely cited methods to quantify DNA and RNA aberrations in material sourced from paraffin embedded tissues. His specific research interest includes the studying the role of HPV 16 in HN cancer and the development of more reproducible method to report p16 results for HPV positive HN cancer.

http://cancer.ucsf.edu/people/profiles/jordan_richard.3466

Immunophenotype and proliferation to predict for response to neoadjuvant chemotherapy in TNBC: Results from BrighTNess phase III study.

Authors*: Otto Metzger Filho, Daniel G. Stover, Sarah Asad, Peter J Ansell, Mark Watson, Sibylle Loibl, Charles E. Geyer, Joyce O'Shaughnessy, Michael Untch, **Hope S. Rugo**, Jens Bodo Huober, Mehra Golshan, William M. Sikov, Gunter Von Minckwitz, Priya Rastogi, David Maag, Norman Wolmark, Carsten Denkert, William Fraser Symmans

Abstract #: 510

Abstract link: http://abstracts.asco.org/239/AbstView_239_268665.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Effect of prophylaxis on neratinib-associated diarrhea and tolerability in patients with HER2+ early-stage breast cancer: Phase II CONTROL trial.

Authors*: Carlos Hernando Barcenas, Sara A. Hurvitz, Jack A. Di Palma, Ron Bose, Arlene Chan, **Amy Jo Chien**, Cindy Farrell, Daniel Hunt, Leanne McCulloch, Amy Kupic, Debu Tripathy, **Hope S. Rugo**

Abstract #: 548

Abstract link: http://abstracts.asco.org/239/AbstView_239_265427.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Glutaminase (GLS) expression in primary breast cancer (BC): Correlations with clinical and tumor characteristics.

Authors*: Neelima Vidula, **Christina Yau**, **Hope S. Rugo**

Abstract #: 558

Abstract link: http://abstracts.asco.org/239/AbstView_239_272429.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Biosimilar trastuzumab-dkst monotherapy versus trastuzumab monotherapy after combination therapy: Final overall survival (OS) from the phase III HERITAGE Trial.

Authors*: Cornelius F. Waller, Aleksei Manikhas, Eduardo J. Pennella, Igor Bondarenko, Guzel Mukhametshina, Maria Luisa Abesanis Tiambeng, Charuwan Akewanlop, Ihor Vynnychenko, Virote Sriuranpong, Sirshendu Ray, Miguel Hernandez-Bronchud, Jay Herson, Joseph D. Parra, Joseph D. Parra, Gia Nemsadze, Unmesh Gopalakrishnan, Subramanian Loganathan, Rafael Muniz, Abhijit Barve, **Hope S. Rugo**

Abstract #: 1021

Abstract link: http://abstracts.asco.org/239/AbstView_239_268475.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Alpelisib (ALP) with fulvestrant (FUL) in patients (pts) with PIK3CA-mutated hormone receptor-positive (HR+), human epidermal growth factor receptor-2-negative (HER2-) advanced breast cancer (ABC): Primary or secondary resistance to prior endocrine therapy (ET) in the SOLAR-1 trial.

Authors*: Dejan Juric, Sibylle Loibl, Fabrice Andre, J. Ignacio Delgado Mingorance, Frederic Forget, Christelle Levy, Norikazu Masuda, Mario Campone, Pier Franco Conte, Hiroji Iwata, Ingrid A. Mayer, **Hope S. Rugo**, Celine Wilke, Antonia Ridolfi, Agnes Lteif, Eva Ciruelos

Abstract #: 1038

Abstract link: http://abstracts.asco.org/239/AbstView_239_254199.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Patient-reported outcomes (PROs) in patients (pts) with PIK3CA-mutated hormone receptor-positive (HR+), human epidermal growth factor receptor-2-negative (HER2-) advanced breast cancer (ABC) from SOLAR-1.

Authors*: Ingrid A. Mayer, **Hope S. Rugo**, Sibylle Loibl, Tamar Safra, Yeon Hee Park, Petr Krivorotko, Hiroji Iwata, Fabrice Andre, Pier Franco Conte, Eva Ciruelos, Dejan Juric, Jinhee Park, Celine Wilke, David Mills, Agnes Lteif, Mario Campone

Abstract #: 1039

Abstract link: http://abstracts.asco.org/239/AbstView_239_254293.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Alpelisib (ALP) + endocrine therapy (ET) in patients (pts) with PIK3CA-mutated hormone receptor-positive (HR+), human epidermal growth factor-2-negative (HER2-) advanced breast cancer (ABC): First interim BYLieve study results.

Authors*: **Hope S. Rugo**, Manuel Ruiz Borrego, Stephen K. L. Chia, Dejan Juric, Nicholas C. Turner, Pamela Drullinsky, Florence Lerebours, Giulia Valeria Bianchi, Carolyn C. Nienstedt, Antonia Ridolfi, Astrid Thuerigen, Eva Ciruelos

Abstract #: 1040

Abstract link: http://abstracts.asco.org/239/AbstView_239_254335.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Efficacy and safety of talazoparib (TALA) or physician's choice of therapy (PCT) in United States patients (pts) with HER2- germline BRCA1/2-mutated (gBRCAm) locally advanced/metastatic breast cancer (LA/MBC) in the EMBRACA study.

Authors*: Sami Diab, **Hope S. Rugo**, Lida A. Mina, Shannon Puhalla, Reshma L. Mahtani, Norah Lynn Henry, Neelima Denduluri, Denise A. Yardley, Yao Wang, Lillian Shahied Arruda, Iulia Cristina Tudor, Eric Roland Gauthier, Akos Gabor Czibere, Jennifer Keating Litton, Sara A. Hurvitz

Abstract #: 1044

Abstract link: http://abstracts.asco.org/239/AbstView_239_257931.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Clinical significance of circulating tumor cells (CTCs) in hormone receptor-positive (HR+) metastatic breast cancer (MBC) patients (pts) receiving letrozole (Let) or Let plus bevacizumab (Bev): CALGB 40503 (Alliance).

Authors*: **Mark Jesus Mendoza Magbanua**, Oleksandr Savenkov, Erik Asmus, Karla V. Ballman, Janet H Scott, **John Park**, Maura N. Dickler, Ann H. Partridge, Lisa A. Carey, Eric P. Winer, **Hope S. Rugo**

Abstract #: 1049

Abstract link: http://abstracts.asco.org/239/AbstView_239_260729.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Patient-reported outcomes (PROs) from the phase III IMpassion130 trial of atezolizumab (atezo) plus nabpaclitaxel (nP) in metastatic triple-negative breast cancer (mTNBC).

Authors*: Sylvia Adams, Veronique Dieras, Carlos H. Barrios, Eric P. Winer, Andreas Schneeweiss, Hiroji Iwata, Sherene Loi, Sheetal Patel, Volkmar Henschel, Stephen Y. Chui, **Hope S. Rugo**, Leisha A. Emens, Peter Schmid

Abstract #: 1067

Abstract link: http://abstracts.asco.org/239/AbstView_239_252381.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

IMpassion130: Expanded safety analysis from a P3 study of atezolizumab (A) + nab-paclitaxel (nP) in patients (pts) with treatment (tx)-naïve, locally advanced or metastatic triple-negative breast cancer (mTNBC).

Authors*: Andreas Schneeweiss, **Hope S. Rugo**, Eric P. Winer, Carlos H. Barrios, Hiroji Iwata, Veronique Dieras, Sherene Loi, Vidya Maiya, John Bond, Guiyuan Lei, Stephen Y. Chui, Sylvia Adams, Leisha A. Emens, Peter Schmid

Abstract #: 1068

Abstract link: http://abstracts.asco.org/239/AbstView_239_256327.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Outcomes of talazoparib (TALA) versus physician's choice of chemotherapy (PCT) in patients (pts) with advanced breast cancer (ABC) and a germline BRCA (gBRCA) mutation by line of chemotherapy (CT) in the EMBRACA trial.

Authors*: Johannes Ettl, Sara A. Hurvitz, **Hope S. Rugo**, Kyung-Hun Lee, Lida A. Mina, Natasha E. Woodward, Rinat Yerushalmi, Sami Diab, Miguel Martin, Iulia Cristina Tudor, Akos Gabor Czibere, Eric Roland Gauthier, Jennifer Keating Litton, Anthony Goncalves

Abstract #: 1071

Abstract link: http://abstracts.asco.org/239/AbstView_239_259091.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

A phase Ib trial of the cyclin-dependent kinase inhibitor dinaciclib (dina) in combination with pembrolizumab (P) in patients with advanced triple-negative breast cancer (TNBC).

Authors*: Amy Jo Chien, Siti Rahmaputri, Heidi F Dittrich, Melanie Catherine Majure, **Hope S. Rugo**, Michelle E. Melisko, Andrei Goga

Abstract #: 1072

Abstract link: http://abstracts.asco.org/239/AbstView_239_265859.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Goga Research Interests: Activation of proto-oncogenes results in alterations of multiple signaling pathways, resulting in the rewiring of cell proliferation, metabolism and small RNA circuits which contribute to the tumorigenic state. Despite the discovery of numerous driver oncogenes in cancer, many of the most prevalent oncogenic alterations, such as activation of MYC or RAS cannot yet be readily blocked with small molecule inhibitors. Our laboratory seeks to elucidate how oncogenes reprogram signaling to uncover new vulnerabilities in cancer cells.

<https://www.oncogenes.net>

Tumor subtype and other prognostic factors in breast cancer patients with brain metastases: The updated graded prognostic assessment (Breast-GPA).

Authors*: Paul W. Sperduto, Shane Mesko, Daniel Cagney, Eric Nesbit, **Jason Chan**, Jessica Lee, Will Breen, Diana Shi, Hany Soliman, Ryan Shanley, Ashlyn S. Everett, Laura Masucci, Jill Remick, Kristin Plichta, Supriya K. Jain, Cheng-Chia Wu, John Bryant, James B. Yu, Toshimichi Nakano, Minesh P. Mehta

Abstract #: 1079

Abstract link: http://abstracts.asco.org/239/AbstView_239_256637.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

XENERA-1: A phase II trial of xentuzumab (Xe) in combination with everolimus (Ev) and exemestane (Ex) in patients with hormone receptor-positive (HR+)/human epidermal growth factor receptor 2-negative (HER2-) metastatic breast cancer (mBC) and non-visceral involvement.

Authors*: Peter Schmid, **Hope S. Rugo**, Javier Cortes, Chin-Lun Huang, Kate Crossley, Dan Massey, Howard A. Burris

Abstract #: TPS1103

Abstract link: http://abstracts.asco.org/239/AbstView_239_252679.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

CONTESSA: A multinational, multicenter, randomized, phase III registration study of tesetaxel plus a reduced dose of capecitabine in patients (pts) with HER2-, hormone receptor + (HR+) locally advanced or metastatic breast cancer (LA/MBC) who have previously received a taxane.

Authors*: Joyce O'Shaughnessy, Martine Piccart, Lee S. Schwartzberg, Javier Cortes, Nadia Harbeck, Seock-Ah Im, **Hope S. Rugo**, Michael Untch, Denise A. Yardley, Igor Bondarenko, Stephen Chan, Veronique Dieras, Mark D. Pegram, Stew Kroll, Joseph P. O'Connell, Jeff Vacirca, Thomas Wei, Kevin Tang, Andrew David Seidman

Abstract #: TPS1107

Abstract link: http://abstracts.asco.org/239/AbstView_239_265567.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Nimbus: A phase II study of nivolumab plus ipilimumab in metastatic hypermutated HER2-negative breast cancer.

Authors*: Romualdo Barroso-Sousa, Lorenzo Trippa, Paulina Lange, Chelsea Andrews, Heather L. McArthur, Barbara B. Haley, **Hope S. Rugo**, Leisha A. Emens, Eric P. Winer, Elizabeth A. Mittendorf, Sara M. Tolaney

Abstract #: TPS1115

Abstract link: http://abstracts.asco.org/239/AbstView_239_259727.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Quantitative radiographic analysis of phase II and III trials in recurrent glioblastoma treated with VB-111 with or without bevacizumab or bevacizumab monotherapy.

Authors*: Benjamin M. Ellingson, Catalina Raymond, Jingwen Yao, Ararat Chakhoyan, Dallas Turley, Joseph Tsung, Jodi Goldman, Jacob Schlossman, Caleb Tan, Andrew Jacob Brenner, **Nicholas A. Butowski**, Patrick Y. Wen, Tamar Rachmilewitz Minei, Yael Chava Cohen, Dror Harats, Timothy Francis Cloughesy

Abstract #: 2018

Abstract link: http://abstracts.asco.org/239/AbstView_239_255213.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Butowski Research Interests: My research includes translational research and a wide range of clinical trials, including those with convection-enhanced delivery (CED) with real-time MRI imaging, targeted agents, immunotherapy, and combination strategies. I am the Director of Translational Research in Neuro-Oncology and lead the translational effort on behalf of the UCSF Brain Tumor Research Center and Preclinical Core. My work has helped to create the groundwork for allied research in neuro-oncology and an extensive UCSF clinical trial portfolio for patients with primary brain and spine tumors, including an assortment of immunotherapy trials and surgically based trials. I have also designed investigator initiated trials, including a clinical trial employing intratumoral delivery with real-time MRI imaging as well as those with a range of novel targets, molecular markers and imaging biomarkers. I have also authored a number of peer-reviewed papers and presented work at national and international meetings.

<https://www.ucsfhealth.org/nicholas.butowski>

First-in-human phase I trial of the combination of two adenoviral vectors expressing HSV1-TK and FLT3L for the treatment of newly diagnosed resectable malignant glioma: Initial results from the therapeutic reprogramming of the brain immune system.

Authors*: Pedro R. Lowenstein, Daniel A Orringer, Oren Sagher, Jason Heth, **Shawn L. Hervey-Jumper**, Aaron Gerald Mammoser, Larry Junck, Denise Leung, Yoshie Umemura, Theodore Steven Lawrence, Michelle Miran Kim, Daniel Richard Wahl, Paul McKeever, Sandra Ines Camelo-Piragua, Andrew Lieberman, Sriram Veneti, Andrea Comba, David Altshuler, Karin Muraszko, Maria Castro

Abstract #: 2019

Abstract link: http://abstracts.asco.org/239/AbstView_239_271757.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Hervey-Jumper Research Interests: Dr. Hervey-Jumper specializes in the care of adults with brain tumors. His approach to brain tumor management integrates medical and surgical treatment with neurocognitive rehabilitation. His priorities are to provide the best possible surgical care for his patients, while also considering rehabilitative therapies to maximize survival and improve their quality of life. Dr. Hervey-Jumper's research program is based on language, motor, and cognitive recovery in brain tumor patients, with the primary objective of helping patients rehabilitate and return to their daily lives. His laboratory looks to understand genetic and molecular contributions to cortical and subcortical plasticity, as well as strategies to promote brain recovery and repair. During residency at the University of Michigan and fellowship at UCSF, Dr. Hervey-Jumper's training focused on surgery for removal of tumors in eloquent cortex, in addition to brain mapping techniques that help guide surgical treatment while preserving a patient's neurocognitive function.

<https://braintumorcenter.ucsf.edu/people/shawn-hervey-jumper>

DGM1 may serve as a novel genetic biomarker of response to enzastaurin in glioblastoma.

Authors*: **Nicholas A. Butowski**, Ronald L. Shazer, Hong Sun, Isabel Han, Manoj A. Jivani, Wen Luo

Abstract #: 2023

Abstract link: http://abstracts.asco.org/239/AbstView_239_253171.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Butowski Research Interests: My research includes translational research and a wide range of clinical trials, including those with convection-enhanced delivery (CED) with real-time MRI imaging, targeted agents, immunotherapy, and combination strategies. I am the Director of Translational Research in Neuro-Oncology and lead the translational effort on behalf of the UCSF Brain Tumor Research Center and Preclinical Core. My work has helped to create the groundwork for allied research in neuro-oncology and an extensive UCSF clinical trial portfolio for patients with primary brain and spine tumors, including an assortment of immunotherapy trials and surgically based trials. I have also designed investigator initiated trials, including a clinical trial employing intratumoral delivery with real-time MRI imaging as well as those with a range of novel targets, molecular markers and imaging biomarkers. I have also authored a number of peer-reviewed papers and presented work at national and international meetings.

<https://www.ucsfhealth.org/nicholas.butowski>

Barriers to accrual and enrollment in brain tumor trials.

Authors*: Eudocia Quant Lee, Ugonma Nnenna Chukwueke, **Shawn L. Hervey-Jumper**, John Frederick De Groot, Jose Pablo Leone, Terri S. Armstrong, **Susan Marina Chang**, David Arons, Kathy Rose Oliver, Evanthea Galanis, Bret Edward Buckley Friday, Nancy U. Lin, Minesh P. Mehta, Marta Penas-Prado, Michael A. Vogelbaum, Solmaz Sahebjam, Martin J. Van Den Bent, Michael Weller, David A. Reardon, Patrick Y. Wen

Abstract #: 2024

Abstract link: http://abstracts.asco.org/239/AbstView_239_253197.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Chang Research Interests: Dr. Chang is an active member of the multi-disciplinary Brain Tumor Center with a major focus on the novel therapy development, as well as the assessment of novel imaging markers of prognosis and response to therapy. She is currently the principal investigator and co-investigator on more than 15 active clinical trials that evaluate the wide spectrum of therapeutic interventions that span chemotherapy, targeted agents, immunotherapy and convection enhanced delivery of novel agents. She is the Co-PI of the UCSF SPORE project that addresses the evaluation of steady and dynamic metabolic imaging in glioblastoma and has been lead and contact PI for a P01 which has been focused on integrating advances in physiologic and metabolic imaging with tissue biomarkers in order to optimize the management of patients with glioblastoma (GBM). She also serves as the Director of the Glioblastoma Precision Medicine Program that consists of 6 projects aimed at leveraging the molecular and cytogenetic characteristics of glioblastoma to develop new treatments.

<https://braintumorcenter.ucsf.edu/people/susan-chang>

Safety and activity of a first-in-class oral HIF2-alpha inhibitor, PT2385, in patients with first recurrent glioblastoma (GBM).

Authors*: M. Ellingson, Patrick Y. Wen, Manmeet Singh Ahluwalia, Anna F. Piotrowski, Arati Suvas Desai, **Jennifer Leigh Clarke**, Frank S. Lieberman, Serena Desideri, Louis B. Nabors, Xiaobu Ye, Stuart A. Grossman

Abstract #: 2027

Abstract link: http://abstracts.asco.org/239/AbstView_239_254625.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Clarke Research Interests: Dr. Clarke's research interest is focused on the development of novel therapeutic strategies for adult patients with primary brain tumors. As a member of the Brain Tumor Center, she is principal and co-investigator on single-institution clinical trials designed and conducted at UCSF, as well as multi-institutional trials, including those supported by the National Cancer Institute's Adult Brain Tumor Consortium. In addition to clinical trials, her research interests include evaluation of molecular methods of characterizing tumors to individualize treatment, profiling of the immune system to determine the prognostic and predictive value, and novel imaging methods that may more accurately assess tumor biology and response to treatment. In particular, she is interested in finding noninvasive biomarkers that may distinguish treatment effect from recurrent tumor.

http://cancer.ucsf.edu/people/profiles/clarke_jennifer.3325

Phase II study to evaluate safety and efficacy of MEDI4736 (durvalumab) + radiotherapy in patients with newly diagnosed unmethylated MGMT glioblastoma (new unmeth GBM).

Authors*: David A. Reardon, Thomas Joseph Kaley, Jorg Dietrich, **Jennifer Leigh Clarke**, Gavin Dunn, Michael Lim, Timothy Francis Cloughesy, Hui Kong Gan, Andrew J. Park, Paul Schwarzenberger, Toni Ricciardi, Mary J. Macri, Aileen Ryan, Ralph Rudolph Venhaus

Abstract #: 2032

Abstract link: http://abstracts.asco.org/239/AbstView_239_258079.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Clarke Research Interests: Dr. Clarke's research interest is focused on the development of novel therapeutic strategies for adult patients with primary brain tumors. As a member of the Brain Tumor Center, she is principal and co-investigator on single-institution clinical trials designed and conducted at UCSF, as well as multi-institutional trials, including those supported by the National Cancer Institute's Adult Brain Tumor Consortium. In addition to clinical trials, her research interests include evaluation of molecular methods of characterizing tumors to individualize treatment, profiling of the immune system to determine the prognostic and predictive value, and novel imaging methods that may more accurately assess tumor biology and response to treatment. In particular, she is interested in finding noninvasive biomarkers that may distinguish treatment effect from recurrent tumor.

http://cancer.ucsf.edu/people/profiles/clarke_jennifer.3325

MDNA55: A locally administered IL4 guided toxin as a targeted treatment for recurrent glioblastoma.

Authors*: Dina Randazzo, Achal Achrol, Manish K. Aghi, Martin Bexon, Steven Brem, Andrew Jacob Brenner, **Nicholas A. Butowski**, Chandtip Chandhasin, Sajeel A. Chowdhary, Melissa Coello, John Floyd, Santosh Kesari, Fahar Merchant, Nina Merchant, Michael A. Vogelbaum, Frank D Vronis, Miroslaw Zabek, John H. Sampson

Abstract #: 2039

Abstract link: http://abstracts.asco.org/239/AbstView_239_262335.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Butowski Research Interests: My research includes translational research and a wide range of clinical trials, including those with convection-enhanced delivery (CED) with real-time MRI imaging, targeted agents, immunotherapy, and combination strategies. I am the Director of Translational Research in Neuro-Oncology and lead the translational effort on behalf of the UCSF Brain Tumor Research Center and Preclinical Core. My work has helped to create the groundwork for allied research in neuro-oncology and an extensive UCSF clinical trial portfolio for patients with primary brain and spine tumors, including an assortment of immunotherapy trials and surgically based trials. I have also designed investigator initiated trials, including a clinical trial employing intratumoral delivery with real-time MRI imaging as well as those with a range of novel targets, molecular markers and imaging biomarkers. I have also authored a number of peer-reviewed papers and presented work at national and international meetings.

<https://www.ucsfhealth.org/nicholas.butowski>

Molecular genetic, host-derived and clinical determinants of long-term survival in glioblastoma: First results from the ETERNITY study (EORTC 1419).

Authors*: Michael Weller, Guido Reifenberger, Emilie Le Rhun, **Jennifer Leigh Clarke**, Riccardo Soffietti, Antje Wick, Olivier L. Chinot, Francois Ducray, Peter Hau, Kerrie Leanne McDonald, Christine Marosi, Oliver Schnell, Andreas Felix Hottinger, Jaap C. Reijneveld, Giuseppe Lombardi, Patrick Y. Wen, Martin Klein, Thierry Gorlia, Joerg Felsberg, Caroline Hertler, for the BTFC Consortium on Long-term Survival with Glioblastoma & the EORTC Brain Tumor Group

Abstract #: 2056

Abstract link: http://abstracts.asco.org/239/AbstView_239_268751.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Clarke Research Interests: Dr. Clarke's research interest is focused on the development of novel therapeutic strategies for adult patients with primary brain tumors. As a member of the Brain Tumor Center, she is principal and co-investigator on single-institution clinical trials designed and conducted at UCSF, as well as multi-institutional trials, including those supported by the National Cancer Institute's Adult Brain Tumor Consortium. In addition to clinical trials, her research interests include evaluation of molecular methods of characterizing tumors to individualize treatment, profiling of the immune system to determine the prognostic and predictive value, and novel imaging methods that may more accurately assess tumor biology and response to treatment. In particular, she is interested in finding noninvasive biomarkers that may distinguish treatment effect from recurrent tumor.

http://cancer.ucsf.edu/people/profiles/clarke_jennifer.3325

Phase I study of pembrolizumab in people with HIV and cancer.

Authors*: Thomas S. Uldrick, Priscila Hermont Goncalves, Mohammad Maher Abdul Hay, Alisa J Claeys, Brinda Emu, Marc S. Ernstoff, **Lawrence Fong**, Judith C Kaiser, Holbrook Edwin Kohrt, Andreanne Lacroix, Steve Young Lee, Lisa Lundgren, Kathryn Anne Lurain, Christopher Parsons, Sharavi Peeramsetti, Ramya Ramaswami, Elad Sharon, **Chia-Ching Jackie Wang**, Robert Yarchoan, Martin A. Cheever

Abstract #: 2500

Abstract link: http://abstracts.asco.org/239/AbstView_239_251103.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 8:12 AM

Location: Hall D2

Presentation: Oral Abstract Session

Wang Research Interests: Dr. Wang is an oncologist who treats anal cancer. Her research focuses on HIV oncology, particularly HPV-related cancers. HIV-infected individuals may be at higher risk for developing HPV-related cancers due to their immunosuppression. As a member of the AIDS Malignancy Consortium, she hopes to develop and implement prevention strategies, as well as test novel therapies that may improve outcomes for patients with these cancers. She has special interests in superficially invasive squamous cell carcinoma of the anus and in post-treatment surveillance. She has also conducted studies on lymphoma and Kaposi sarcoma.

https://cancer.ucsf.edu/people/profiles/wang_jackie.7440

NRG Oncology CC003: A randomized phase II/III trial of prophylactic cranial irradiation with or without hippocampal avoidance for small cell lung cancer.

Authors*: Vinai Gondi, Stephanie L Pugh, Minesh P. Mehta, Wolfgang Tome, Tammie Benzinger, Joseph A Bovi, Benjamin W. Corn, **Shannon E. Fogh**, Cliff Grant Robinson, Jeffrey Scott Wefel, Lisa A. Kachnic

Abstract #: TPS8578

Abstract link: http://abstracts.asco.org/239/AbstView_239_267717.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Five-year long-term overall survival for patients with advanced NSCLC treated with pembrolizumab: Results from KEYNOTE-001.

Authors*: Edward B. Garon, Matthew David Hellmann, Enric Carcereny Costa, Natasha B. Leighl, Myung-Ju Ahn, Joseph Paul Eder, Ani Sarkis Balmanoukian, Charu Aggarwal, Leora Horn, Amita Patnaik, **Matthew A. Gubens**, Suresh S. Ramalingam, Enriqueta Felip, Cathie Scalzo, Erin Jensen, Debra A. Kush, Rina Hui

Abstract #: LBA9015

Abstract link: http://abstracts.asco.org/239/AbstView_239_255115.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Gubens Research Interests: Matthew Gubens is a thoracic oncologist who treats patients with lung cancer, mesothelioma and other thoracic malignancies, including thymoma and thymic carcinoma, which are rare tumors of the mediastinum. His research involves designing clinical trials to study new compounds and treatment strategies in lung cancer. He and his colleagues have a special interest in translational medicine, and are actively working to translate laboratory-based findings to the clinic, especially for patients with epidermal growth factor receptor (EGFR) mutations. The group is also active in trials evaluating new immunotherapy approaches in thoracic malignancies. Dr. Gubens is a member of the American Society of Clinical Oncology, the International Association for the Study of Lung Cancer and the International Thymic Malignancy Interest Group.

https://cancer.ucsf.edu/people/profiles/gubens_matthew.6196

Biomarker-directed precision oncology of pembrolizumab-based combination therapy for non-small cell lung cancer: Phase II KEYNOTE-495/KeyImPaCT study.

Authors*: Martin Gutierrez, Matthew David Hellmann, **Matthew A. Gubens**, Charu Aggarwal, Daniel Shao Weng Tan, Enriqueta Felip, Joanne Wing Yan Chiu, Jong Seok Lee, James Chih-Hsin Yang, Edward B. Garon, Andrea Basso, Hua Ma, **Lawrence Fong**, Alex Snyder, Jianda Yuan, Roy S. Herbst

Abstract #: TPS9117

Abstract link: http://abstracts.asco.org/239/AbstView_239_255023.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Gubens Research Interests: Matthew Gubens is a thoracic oncologist who treats patients with lung cancer, mesothelioma and other thoracic malignancies, including thymoma and thymic carcinoma, which are rare tumors of the mediastinum. His research involves designing clinical trials to study new compounds and treatment strategies in lung cancer. He and his colleagues have a special interest in translational medicine, and are actively working to translate laboratory-based findings to the clinic, especially for patients with epidermal growth factor receptor (EGFR) mutations. The group is also active in trials evaluating new immunotherapy approaches in thoracic malignancies. Dr. Gubens is a member of the American Society of Clinical Oncology, the International Association for the Study of Lung Cancer and the International Thymic Malignancy Interest Group.

https://cancer.ucsf.edu/people/profiles/gubens_matthew.6196

Phase 1/1B trial to assess the activity of entrectinib in children and adolescents with recurrent or refractory solid tumors including central nervous system (CNS) tumors.

Authors*: Giles W. Robinson, Amar J. Gajjar, Karen Marie Gauvain, Ellen M. Basu, Margaret E Macy, Luke Devon Maese, **Amit J. Sabnis**, Jennifer Haunani Foster, Suzanne Shusterman, Janet Yoon, Brian D. Weiss, Mohamed Abdelbaki, Mufiza Farid-Kapadia, Georgina Meneses-Lorente, Alison Cardenas, Katherine Hutchinson, Guillaume Bergthold, Edna Chow Maneval, Elizabeth Fox, Ami Vijay Desai

Abstract #: 10009

Abstract link: http://abstracts.asco.org/239/AbstView_239_263027.html

Presentation Date/Time: Sunday, June 2, 8:00 AM - 8:12 AM

Location: S504

Presentation: Oral Abstract Session

Sabnis Research Interests: Dr. Sabnis's research uses patient-derived models to identify and pre-clinically validate new therapies for high-risk pediatric sarcomas. His newly established research group in the HDFCCC focuses on the essential nature of specific nodes within the protein homeostasis network for the initiation and survival of pediatric sarcomas. In addition, he sees patients within the Early Phase Clinical Trials group of the UCSF Benioff Children's Hospital Division of Pediatric Hematology-Oncology.

http://cancer.ucsf.edu/people/profiles/sabnis_amit.7897

APACT: phase III, multicenter, international, open-label, randomized trial of adjuvant nab-paclitaxel plus gemcitabine (nab-P/G) vs gemcitabine (G) for surgically resected pancreatic adenocarcinoma.

Authors*: **Margaret A. Tempero**, Michele Reni, Hanno Riess, Uwe Pelzer, Eileen Mary O'Reilly, Jordan Michael Winter, Do-Youn Oh, Chung-Pin Li, Giampaolo Tortora, Heung-Moon Chang, Charles D. Lopez, Josep Tabernero, Eric Van Cutsem, Philip Agop Philip, David Goldstein, Jordan Berlin, Stefano Ferrara, Mingyu Li, Brian D. Lu, Andrew Biankin

Abstract #: 4000

Abstract link: http://abstracts.asco.org/239/AbstView_239_247883.html

Presentation Date/Time: Sunday, June 2, 9:45 AM - 9:57 AM

Location: Arie Crown Theater

Presentation: Oral Abstract Session

Tempero Research Interests: Dr. Tempero's research focuses on pancreatic ductal adenocarcinoma, especially in investigational therapeutics. She was a pioneer in the use of mAb-based therapies and helped develop the fixed dose rate concept for gemcitabine. Her group developed effective gemcitabine combinations, provided a foundation for using CA19-9 as a clinical surrogate for survival and currently is assessing molecular subtypes and molecular enrichment for selecting new drugs for clinical evaluation. She has a strong emphasis on immunotherapy. She is a SU2C Dream Team member evaluating innovative therapeutic approaches in this disease. She is also co-PI of a U01 award to establish high risk cohorts for testing candidate early diagnosis biomarkers. She is the UCSF Pancreas Center Director and Pancreas Cancer Program Leader. She has served as the NCCN Guidelines Panel Chair on Pancreatic Cancer since 2000 and serves on many SABs including the Mayo Clinic Pancreas Cancer SPORE and MDACC's Moon Shot Program.

http://cancer.ucsf.edu/people/profiles/tempero_margaret.3701

Prospective randomized phase II trial of pazopanib versus placebo in patients with progressive carcinoid tumors (CARC)(Alliance A021202).

Authors*: Emily K. Bergsland, Michelle R. Mahoney, Timothy R. Asmis, Nathan Hall, Priya Kumthekar, Michael L. Maitland, Donna Niedzwiecki, Andrew B. Nixon, Eileen Mary O'Reilly, Lawrence Howard Schwartz, Jonathan R. Strosberg, Jeffrey A. Meyerhard

Abstract #: 4005

Abstract link: http://abstracts.asco.org/239/AbstView_239_247995.html

Presentation Date/Time: Sunday, June 2, 11:09 AM - 11:21 AM

Location: Arie Crown Theater

Presentation: Oral Abstract Session

Bergsland Research Interests: My research is focused on the development and testing of novel, biologically based therapies for gastrointestinal malignancies, with an emphasis on neuroendocrine tumors (NETs). I am Chair of the Neuroendocrine Tumor (NET) Task Force of the NCI Gastrointestinal Steering Committee, a NCCN Neuroendocrine Tumors Guidelines Panel member, and a member of the Board of Directors for the North American Neuroendocrine Tumor Society. I am also study chair for ALLIANCE A021202 (a randomized Phase II trial of pazopanib vs. placebo in patients with progressive carcinoid tumors). My current research focuses on assessing novel treatment strategies for both high and low grade neuroendocrine neoplasms, fostering several collaborations with laboratory-based colleagues, and taking advantage of a fully annotated outcomes database (established in 2010 and encompassing 800+ NET patients treated at UCSF since 2004).

<http://cancer.ucsf.edu/gi/emily-bergsland>

From Trials to Treatment: Addressing Disparities in Access to Prostate Cancer Care

Authors*: Hala Borno, MD, BS

Abstract #:

Abstract link:

Presentation Date/Time: Sunday, June 2, 11:53 AM - 12:11 PM

Location: S100a

Presentation: Education Session

Borno Research Interests: Dr. Borno is a medical oncologist specializing in advanced urologic malignancies such as prostate, kidney, bladder, and testicular cancers. Her academic interests include cancer disparities and digital health technologies that improve clinical trial participation. Dr. Borno graduated with honors in biochemistry and received her medical degree from the University of North Carolina at Chapel Hill where she was a Medical Alumni Loyalty Fund Scholar. She completed her internal medicine residency and medical oncology fellowship at UCSF, where she served chief oncology fellow and was a National Institute on Aging T32 research fellow in the Division of Geriatrics. She is an Assistant Professor in the Department of Medicine and Division of Hematology/Oncology. At HDFCCC, she is a member of the cancer committee, quality council, cancer control program, and prostate program. She is also a member of the ASCO and health disparities committee for Alliance for Clinical Trials in Oncology.

https://cancer.ucsf.edu/people/profiles/borno_hala.9025

Additional Immunotherapeutic Options Beyond Anti-PD1/Anti-PD-L1

Authors*: Terence W. Friedlander, MD

Abstract #:

Abstract link:

Presentation Date/Time: Sunday, June 2, 5:00 PM - 5:15 PM

Location: Hall B1

Presentation: Education Session

Friedlander Research Interests: I am a clinical and translational oncologist specializing in cancers of the genitourinary tract, specifically bladder and prostate cancers. My research is focused on understanding the basic biology of these malignancies and in developing novel therapeutic ways to treat disease. I have a research focus in developing novel immunotherapeutic approaches, particularly in bladder cancer, as well as in developing novel biomarkers, such as circulating tumor cells, to help understand how to better select patients for therapy. As a clinical academic oncologist I serve as principal investigator or co-investigator on a number of clinical trials in advanced prostate and bladder cancer, which allows us to recruit patients for much of our biomarker work.

http://cancer.ucsf.edu/people/profiles/friedlander_terence.4963

MONDAY | JUNE 3, 2019

A regulatory program that promotes metastasis in colorectal cancer (CRC) through modulation of mRNA stability.

Authors*: Hani Goodarzi, Robert S. Warren, Johnny Yu, Lisa Fish

Abstract #: 3523

Abstract link: http://abstracts.asco.org/239/AbstView_239_249989.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Goodarzi Research Interests: Cancer, fundamentally, is a disease of disordered gene expression. Cancer cells rely on deregulated expression of oncogenic and tumor suppressive pathways to initiate and maintain the transformation process. Thus, delineating how cancer cells achieve such pathologic gene expression states is a crucial step towards understanding and ultimately treating cancer. Towards achieving this goal, my laboratory employs a systems biological and multidisciplinary approach that integrates state-of-the-art computational and experimental strategies to identify and characterize the underlying genomic regulatory programs that drive cancer progression. Our framework ensures a truly unbiased and systematic approach, which is crucial for discovering pathways that fall outside of our prior knowledge of regulatory interactions.

http://cancer.ucsf.edu/people/profiles/goodarzi_hani.7686

Aggressiveness of care and overall survival in young metastatic colorectal cancer patients.

Authors*: Madeleine Fish, Katie Kanter, Gianluca Mauri, Nora Horick, Jill N Allen, Lawrence Scott Blaszkowsky, Jeffrey William Clark, David P. Ryan, Ryan David Nipp, Bruce J. Giantonio, Lipika Goyal, Janet E. Murphy, Eric Roeland, Colin D. Weekes, Jennifer Yon-Li Wo, Theodore S. Hong, Andrew X. Zhu, Emily E. Van Seventer, Ryan Bruce Corcoran, **Aparna Raj Parikh**

Abstract #: 3563

Abstract link: http://abstracts.asco.org/239/AbstView_239_270001.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Factors affecting differential outcomes in the definitive treatment of anal cancer between HIV+ and HIV- patients.

Authors*: Matthew Susko, Stephanie Kim, Ann Lazar, Angela Laffan, Mary Uan-Sian Feng, Alan P. Venook, Chloe Evelyn Atreya, Katherine Van Loon, **Mekhail Anwar**

Abstract #: 3572

Abstract link: http://abstracts.asco.org/239/AbstView_239_268585.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Anwar Research Interests: I am a physician-scientist with expertise in designing microfabricated sensors using integrated circuit ("computer chip") technology for cancer sensing within the body. The primary focus of my laboratory is to identify where gaps in diagnostic information and therapeutic tools compromise patient care, and develop tools to solve these problems. These technologies are bridged to patients through my clinical practice in Radiation Oncology, where I specialize in the multimodality treatment of malignancies with a focus on gastrointestinal cancer using focal, targeted radiation therapy.

https://cancer.ucsf.edu/people/profiles/anwar_mekhail.8352

Prediction model for detecting circulating tumor DNA (ctDNA) in metastatic colorectal cancer (mCRC).

Authors*: Allan Andresson Lima Pereira, **Aparna Raj Parikh**, Emily E. Van Seventer, Jingquan Jia, Jonathan M. Loree, Preeti Kanikarla Marie, Kanwal Pratap Singh Raghav, Van K. Morris, Michael J. Overman, Victoria M. Raymond, Richard B. Lanman, AmirAli Talasaz, John H. Strickler, Ryan Bruce Corcoran, Scott Kopetz

Abstract #: 3590

Abstract link: http://abstracts.asco.org/239/AbstView_239_262223.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

A pilot study of neoadjuvant FOLFIRINOX followed by chemoradiation for gastric and gastroesophageal cancer: Preliminary results.

Authors*: Jennifer Yon-Li Wo, Jeffrey William Clark, Jill N. Allen, Lawrence Scott Blaszkowsky, Florence Keane, Lorraine C. Drapek, David P. Ryan, Ryan Bruce Corcoran, Eric Roeland, **Aparna Raj Parikh**, Melin Janardan Khandekar, Rebecca Suk Heist, Christopher Morse, Beow Y. Yeap, Christine A Ulysse, Benjamin Christopher, Michael Lanuti, David L. Berger, John Thomas Mullen, Theodore S. Hong

Abstract #: 4057

Abstract link: http://abstracts.asco.org/239/AbstView_239_264503.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Pembrolizumab (pembro) for advanced biliary adenocarcinoma: Results from the KEYNOTE-028 (KN028) and KEYNOTE-158 (KN158) basket studies.

Authors*: Yung-Jue Bang, Makoto Ueno, David Malka, Hyun Cheol Chung, Adnan Nagrial, **Robin Kate Kelley**, Sarina Anne Piha-Paul, Willeke Ros, Antoine Italiano, Kazuhiko Nakagawa, **Hope S. Rugo**, Filippo G. De Braud, Andrea I. Varga, Aaron Richard Hansen, Chao Gao, Suba Krishnan, Kevin Norwood, Toshihiko Doi

Abstract #: 4079

Abstract link: http://abstracts.asco.org/239/AbstView_239_255109.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Kelley Research Interests: My research focuses on the early clinical development of new treatments and biomarkers in hepatocellular carcinoma and biliary tract cancers. I am the Study Chair for several multicenter investigator-initiated trials and PI for numerous industry-sponsored trials of novel therapeutic agents & combinations in advanced hepatobiliary cancer patients. In our practice, we consistently achieve high patient accrual and have a robust pipeline of new clinical trials in development. To advance future translational & epidemiology research in this complex/biologically-heterogeneous cancer family, I initiated the UCSF Hepatobiliary Tissue Bank & Registry. This bank and registry collects fresh & archival tumor tissue samples plus blood samples along with longitudinal clinical data from UCSF patients with hepatobiliary cancers. This successful bank has already contributed samples and/or data to multiple projects, including the NCI/NHGRI Cancer Genome Atlas (TCGA) liver and cholangiocarcinoma cohorts.

http://cancer.ucsf.edu/people/profiles/kelley_katie.3354

Frequency of BRCA mutation in biliary tract cancer and its correlation with tumor mutational burden (TMB) and microsatellite instability (MSI).

Authors*: Gilbert Spizzo, Alberto Puccini, Joanne Xiu, Richard M. Goldberg, Axel Grothey, Anthony Frank Shields, Sukeshi Patel Arora, Moh'd M. Khushman, Mohamed E. Salem, Francesca Battaglin, Wafik S. El-Deiry, Ryuma Tokunaga, Philip Agop Philip, Michael J. Hall, John Marshall, Florian Kocher, **Wolfgang Michael Korn**, Heinz-Josef Lenz, Andreas Seeber

Abstract #: 4085

Abstract link: http://abstracts.asco.org/239/AbstView_239_262025.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Profiling of 3,634 cholangiocarcinomas (CCA) to identify genomic alterations (GA), tumor mutational burden (TMB), and genomic loss of heterozygosity (gLOH).

Authors*: Milind M. Javle, Karthikeyan Murugesan, Rachna T. Shroff, Mitesh J. Borad, Reham Abdel-Wahab, Alexa Betzig Schrock, Jon Chung, Lipika Goyal, Garrett M. Frampton, **Robin Kate Kelley**, Vincent A. Miller, Jeffrey S. Ross, Tanios S. Bekaii-Saab, Siraj Mahamed Ali, Lee A. Albacker

Abstract #: 4087

Abstract link: http://abstracts.asco.org/239/AbstView_239_265099.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Kelley Research Interests: My research focuses on the early clinical development of new treatments and biomarkers in hepatocellular carcinoma and biliary tract cancers. I am the Study Chair for several multicenter investigator-initiated trials and PI for numerous industry-sponsored trials of novel therapeutic agents & combinations in advanced hepatobiliary cancer patients. In our practice, we consistently achieve high patient accrual and have a robust pipeline of new clinical trials in development. To advance future translational & epidemiology research in this complex/biologically-heterogeneous cancer family, I initiated the UCSF Hepatobiliary Tissue Bank & Registry. This bank and registry collects fresh & archival tumor tissue samples plus blood samples along with longitudinal clinical data from UCSF patients with hepatobiliary cancers. This successful bank has already contributed samples and/or data to multiple projects, including the NCI/NHGRI Cancer Genome Atlas (TCGA) liver and cholangiocarcinoma cohorts.

http://cancer.ucsf.edu/people/profiles/kelley_katie.3354

Association of adverse events (AEs) with efficacy outcomes for cabozantinib (C) in patients (pts) with advanced hepatocellular carcinoma (aHCC) in the phase III CELESTIAL trial.

Authors*: Ghassan K. Abou-Alfa, Tim Meyer, Ann-Lii Cheng, Irfan Cicin, Luigi Bolondi, Heinz Josef Klümper, Stephen Lam Chan, Vincenzo Dadduzio, Steven Milwee, Sarita Dubey, **Robin Kate Kelley**, Anthony B. El-Khoueiry

Abstract #: 4088

Abstract link: http://abstracts.asco.org/239/AbstView_239_265715.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Kelley Research Interests: My research focuses on the early clinical development of new treatments and biomarkers in hepatocellular carcinoma and biliary tract cancers. I am the Study Chair for several multicenter investigator-initiated trials and PI for numerous industry-sponsored trials of novel therapeutic agents & combinations in advanced hepatobiliary cancer patients. In our practice, we consistently achieve high patient accrual and have a robust pipeline of new clinical trials in development. To advance future translational & epidemiology research in this complex/biologically-heterogeneous cancer family, I initiated the UCSF Hepatobiliary Tissue Bank & Registry. This bank and registry collects fresh & archival tumor tissue samples plus blood samples along with longitudinal clinical data from UCSF patients with hepatobiliary cancers. This successful bank has already contributed samples and/or data to multiple projects, including the NCI/NHGRI Cancer Genome Atlas (TCGA) liver and cholangiocarcinoma cohorts.

http://cancer.ucsf.edu/people/profiles/kelley_katie.3354

Relacorilant (RELA) with nab-paclitaxel (NP): Safety and activity in patients with pancreatic ductal adenocarcinoma (PDAC) and ovarian cancer (OvCA).

Authors*: **Pamela N. Munster**, Jasjit C. Sachdev, Gini F. Fleming, Erkut Hasan Borazanci, **Jennifer A. Grabowsky**, Manish Sharma, Joseph Custodio, Andrew Greenstein, Lawrence Lu, Dat Nguyen, Stacie Peacock Shepherd

Abstract #: 4130

Abstract link: http://abstracts.asco.org/239/AbstView_239_257771.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Munster Research Interests: Our lab is interested in developing novel strategies to overcome hormone therapy resistance in breast cancer.

http://cancer.ucsf.edu/people/profiles/munster_pamela.3449

Phase 3 (COSMIC-312) study of cabozantinib (C) in combination with atezolizumab (A) versus sorafenib (S) in patients (pts) with advanced hepatocellular carcinoma (aHCC) who have not received previous systemic anticancer therapy.

Authors*: Robin Kate Kelley, Ann-Lii Cheng, Fadi S. Braiteh, Joong-Won Park, Fawzi Benzaghrou, Steven Milwee, Anne Borgman, Anthony B. El-Khoueiry, Zeid K Kayali, Andrew X. Zhu, Lorenza Rimassa

Abstract #: TPS4157

Abstract link: http://abstracts.asco.org/239/AbstView_239_269245.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Kelley Research Interests: My research focuses on the early clinical development of new treatments and biomarkers in hepatocellular carcinoma and biliary tract cancers. I am the Study Chair for several multicenter investigator-initiated trials and PI for numerous industry-sponsored trials of novel therapeutic agents & combinations in advanced hepatobiliary cancer patients. In our practice, we consistently achieve high patient accrual and have a robust pipeline of new clinical trials in development. To advance future translational & epidemiology research in this complex/biologically-heterogeneous cancer family, I initiated the UCSF Hepatobiliary Tissue Bank & Registry. This bank and registry collects fresh & archival tumor tissue samples plus blood samples along with longitudinal clinical data from UCSF patients with hepatobiliary cancers. This successful bank has already contributed samples and/or data to multiple projects, including the NCI/NHGRI Cancer Genome Atlas (TCGA) liver and cholangiocarcinoma cohorts.

http://cancer.ucsf.edu/people/profiles/kelley_katie.3354

A phase I/II study of blinatumomab in combination with pembrolizumab for adults with relapsed refractory B-lineage acute lymphoblastic leukemia: University of California Hematologic Malignancies Consortium Study 1504.

Authors*: Marc Saul Schwartz, Deepa Jeyakumar, **Lloyd Earl Damon**, Gary J. Schiller, Matthew Joseph Wieduwilt

Abstract #: TPS7064

Abstract link: http://abstracts.asco.org/239/AbstView_239_258349.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Safety and preliminary efficacy in patients (pts) with relapsed/refractory (R/R) mantle cell lymphoma (MCL) receiving lisocabtagene maraleucel (Liso-cel) in TRANSCEND NHL 001.

Authors*: Michael Wang, Leo I. Gordon, Maria Lia Palomba, Jeremy S. Abramson, **Charalambos Andreadis**, Nilanjan Ghosh, Matthew Alexander Lunning, David G. Maloney, Thalia Andrea Farazi, Jacob Garcia, Benhuai Xie, Kathryn J. Newhall, Christine Dehner, Tanya Siddiqi

Abstract #: 7516

Abstract link: http://abstracts.asco.org/239/AbstView_239_265383.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Andreadis Research Interests: Dr. Andreadis studies the interplay of cancer genetics and traditional pharmacogenetics (germline) as it pertains to prognosis and treatment response in patients with cancer, and especially hematologic malignancies. His current work focuses on targeting genetic variability in patients with aggressive lymphoma with the use of novel agents as well as studying immunotherapy and cellular approaches for this population.

http://cancer.ucsf.edu/people/profiles/andreadis_babis.3784

Assessing the potential of immunotherapy in treating chronic lymphocytic leukemia through meta-analysis.

Authors*: Jihad Aljabban, David Allen, Sean McDermott, Ross Wanner, Hussam Salhi, Saad A Syed, **David Chen**, **Dexter Hadley**, Dania Khouliani

Abstract #: 7531

Abstract link: http://abstracts.asco.org/239/AbstView_239_271703.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Hadley Research Interests: Dr. Hadley's expertise is in translating big data into precision medicine and digital health. His research generates, annotates, and ultimately reasons over large multi-modal data stores to identify novel biomarkers and potential therapeutics for disease. His early work resulted in a successful precision medicine clinical trial for ADHD a first-in-class, non-stimulant neuromodulator to be targeted across the neuropsychiatric disease spectrum. More recently, his laboratory was funded by the NIH Big Data to Knowledge initiative to develop the stargate.org online portal to crowd-source annotations of open genomics big data that allows users to discover the functional genes and biological pathways that are defective in disease. Dr. Hadley also develops state-of-the-art data driven models of clinical intelligence that drive clinical applications to more precisely screen, diagnose, and manage disease. The end point of his work is rapid proofs of concept clinical trials in humans that translate into better patient outcomes and reduced morbidity and mortality across the spectrum of disease.

http://cancer.ucsf.edu/people/profiles/hadley_dexter.8139

Minimal residual disease clinical monitoring and depth of response in multiple myeloma.

Authors*: Joaquin Martinez-Lopez, **Sandy Wai Kuan Wong**, Nina Shah, Natasha Bahri, Kaili Zhou, **Thomas G. Martin**, **Jeffrey Lee Wolf**

Abstract #: 8026

Abstract link: http://abstracts.asco.org/239/AbstView_239_254289.html

Presentation Date/Time: Monday, June 3, 8:00 AM - 11:00 AM

Location: Hall A

Presentation: Poster Session

Wolf Research Interests: Dr. Jeffrey L. Wolf is an expert in cancer of the bone marrow and blood as well as an expert in bone marrow transplantation to treat these cancers. His primary area of research is myeloma including studies in area of high-risk disease and the use of minimal residual disease (MRD) in clinical decision making.

https://cancer.ucsf.edu/people/profiles/wolf_jeffrey.3750

Safety and efficacy of tazemetostat, a first-in-class EZH2 inhibitor, in patients (pts) with epithelioid sarcoma (ES) (NCT02601950).

Authors*: Mallika Sachdev Dhawan, Silpa Karipineni, Jason Budge, Julie Mak, Alicia Zhou, **Kelly Williams**, Kyusun Cha, **Pamela N. Munster**

Abstract #: 11003

Abstract link: https://abstracts.asco.org/239/AbstView_239_258229.html

Presentation Date/Time: Monday, June 3, 9:00 AM - 9:12 AM

Location: E450

Presentation: Oral Abstract Session

Munster Research Interests: Our lab is interested in developing novel strategies to overcome hormone therapy resistance in breast cancer.

http://cancer.ucsf.edu/people/profiles/munster_pamela.3449

Feasibility of implementing a resident oncology video curriculum.

Authors*: Sam Brondfield, Nicholas Iverson, Lakshmi Subbaraj, Jennifer Babik

Abstract #: 10500

Abstract link: http://abstracts.asco.org/239/AbstView_239_248617.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 1:27 PM

Location: S100bc

Presentation: Clinical Science Symposium

Babik Research Interests: Jennifer Babik specializes in clinical infectious diseases with a particular focus on infections in immunocompromised hosts. She attends on the Immunocompromised Host and General Infectious Diseases Consult Services, the Internal Medicine teaching wards, and has clinic in the Infectious Diseases Practice at UCSF Medical Center. She is interested in medical education, developing best practices for effective teaching by consultants, and curriculum development for subspecialty education within internal medicine residency training.

<https://profiles.ucsf.edu/jennifer.babik>

To BCMA and Beyond

Authors*: Nina Shah, MD

Abstract #:

Abstract link:

Presentation Date/Time: Monday, June 3, 1:37 PM - 1:49 PM

Location: E450

Presentation: Poster Discussion Session

Shah Research Interests: Dr. Nina Shah is an expert in cellular therapy for multiple myeloma. She has developed a novel natural killer cell platform using umbilical cord blood and conducted a first-in-human clinical trial for cord blood derived natural killer cells in the setting of high dose chemotherapy and autologous stem cell transplantation. She is also interested in dendritic cell-based vaccines, adoptive T cell therapies and novel immunomodulatory combinations for myeloma. She is actively involved in numerous CART-T trials for myeloma.

http://cancer.ucsf.edu/people/profiles/shah_nina.8258

The PHACT Study: Population Health and Cancer Testing.

Authors*: Mallika Sachdev Dhawan, Silpa Karipineni, Jason Budge, **Julie Mak**, Alicia Zhou, **Kelly Williams**, Kyusun Cha, Pamela N. Munster

Abstract #: 1531

Abstract link: http://abstracts.asco.org/239/AbstView_239_270359.html

Presentation Date/Time: Monday, June 3,

Location: Hall A

Presentation: Poster Session

Munster Research Interests: Our lab is interested in developing novel strategies to overcome hormone therapy resistance in breast cancer.

http://cancer.ucsf.edu/people/profiles/munster_pamela.3449

A phase I, open label, perioperative study of AG-120 and AG-881 in recurrent IDH1 mutant, low-grade glioma: Results from cohort 1.

Authors*: Ingo K. Mellinshoff, Timothy Francis Cloughesy, Patrick Y. Wen, **Jennie Webster Taylor**, Elizabeth A. Maher, Isabel Arrillaga, Katherine B. Peters, Changho Choi, Benjamin M. Ellingson, Alexander P. Lin, Sunitha B Thakur, Brandon Nicolay, Min Lu, Kha Le, Feng Yin, Feng Tai, Steven Schoenfeld, Lori Steelman, Shuchi Sumant Pandya, **Jennifer Leigh Clarke**

Abstract #: 2003

Abstract link: http://abstracts.asco.org/239/AbstView_239_251465.html

Presentation Date/Time: Monday, June 3, 2:15 PM - 2:27 PM

Location: S102

Presentation: Oral Abstract Session

Clarke Research Interests: Dr. Clarke's research interest is focused on the development of novel therapeutic strategies for adult patients with primary brain tumors. As a member of the Brain Tumor Center, she is principal and co-investigator on single-institution clinical trials designed and conducted at UCSF, as well as multi-institutional trials, including those supported by the National Cancer Institute's Adult Brain Tumor Consortium. In addition to clinical trials, her research interests include evaluation of molecular methods of characterizing tumors to individualize treatment, profiling of the immune system to determine the prognostic and predictive value, and novel imaging methods that may more accurately assess tumor biology and response to treatment. In particular, she is interested in finding noninvasive biomarkers that may distinguish treatment effect from recurrent tumor.

http://cancer.ucsf.edu/people/profiles/clarke_jennifer.3325

Patient-reported outcomes (PROs) in IMmotion150: Atezolizumab (atezo) alone or with bevacizumab (bev) versus sunitinib (sun) in first-line metastatic renal cell carcinoma (mRCC).

Authors*: Sumanta K. Pal, David F. McDermott, Michael B. Atkins, Bernard Escudier, Brian I. Rini, Robert J. Motzer, **Lawrence Fong**, Richard Wayne Joseph, Stephane Oudard, Alain Ravaud, Sergio Bracarda, Cristina Suarez Rodriguez, Elaine Tat Lam, Toni K. Choueiri, Beiyang Ding, Caroleen Quach, Kenji Hashimoto, Christina Schiff, Elisabeth Piau, Thomas Powles

Abstract #: 4515

Abstract link: http://abstracts.asco.org/239/AbstView_239_255365.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Fong Research Interests: My lab focuses on how the immune system interacts with cancer as well as exploring tumor immunotherapies in mouse models and in patients. Our primary focus is in immunotherapy of solid malignancies. We investigate how immunotherapies such as immune checkpoint inhibitors and cancer vaccines can enhance anti-tumor immunity both systemically and in the tumor microenvironment. Performing neoadjuvant immunotherapy trials, we determine how specific therapies can recruit immune effectors in cancer patients. Moreover, we have studied how clinical responders may differ from clinical non-responders. We are applying unbiased approaches to studying antigen-specific responses that are modulated in these patients and are currently developing biomarkers that may be predictive of clinical efficacy.

https://cancer.ucsf.edu/people/profiles/fong_lawrence.3521

Treatment sequencing of anti-PD-1/PD-L1 and carboplatin (carbo)-based chemotherapy (chemo) in cisplatin-ineligible patients (pts) with metastatic urothelial cancer (mUC).

Authors*: Xiao X. Wei, Lillian Werner, Min Yuen Teo, Jonathan E. Rosenberg, **Vadim S Koshkin**, Petros Grivas, Bernadett Szabados, Laura Morrison, Lucia Carril, Daniel E. Castellano, Pedro Isaacsson Velho, Noah M. Hahn, Rana R. McKay, Daniele Raggi, Andrea Necchi, Ravindran Kanesvaran, Parissa Alerasool, Jacob Gaines, Joaquim Bellmunt, Guru Sonpavde

Abstract #: 4541

Abstract link: http://abstracts.asco.org/239/AbstView_239_262399.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Koshkin Research Interests: Dr. Vadim S. Koshkin is a genitourinary oncologist who specializes in caring for adults with bladder, prostate and kidney cancers. His research interests focus on the design and implementation of clinical trials for bladder cancer and prostate cancer patients. He has a particular interest in the role of immunotherapy agents in the treatment of genitourinary malignancies as well as in clinical trials of agents targeting tumor DNA-damage repair mechanisms and also of novel radioligand agents in prostate cancer patients. Overall, his research strives to deliver personalized treatment to patients based on their individual characteristics and characteristics of their tumors. As a clinical academic oncologist he is a principal investigator or co-investigator on a number of clinical trials in prostate and bladder cancer.

<https://profiles.ucsf.edu/vadim.koshkin>

PrE0807 phase Ib feasibility trial of neoadjuvant nivolumab (N)/lirilumab (L) in cisplatin-ineligible muscle-invasive bladder cancer (BC).

Authors*: Petros Grivas, Maneka Puligandla, Suzanne Cole, Kevin Dale Courtney, Robert Dreicer, Benjamin Adam Gartrell, Jeremy Paul Cetnar, Marc Dall'era, Matt D. Galsky, Rohit K. Jain, Benjamin Louis Maughan, Neeraj Agarwal, **Vadim S Koshkin**, Noah M. Hahn, Michael Anthony Carducci

Abstract #: TPS4594

Abstract link: http://abstracts.asco.org/239/AbstView_239_261157.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Koshkin Research Interests: Dr. Vadim S. Koshkin is a genitourinary oncologist who specializes in caring for adults with bladder, prostate and kidney cancers. His research interests focus on the design and implementation of clinical trials for bladder cancer and prostate cancer patients. He has a particular interest in the role of immunotherapy agents in the treatment of genitourinary malignancies as well as in clinical trials of agents targeting tumor DNA-damage repair mechanisms and also of novel radioligand agents in prostate cancer patients. Overall, his research strives to deliver personalized treatment to patients based on their individual characteristics and characteristics of their tumors. As a clinical academic oncologist he is a principal investigator or co-investigator on a number of clinical trials in prostate and bladder cancer.

<https://profiles.ucsf.edu/vadim.koshkin>

Lenvatinib (len) plus pembrolizumab (pembro) in patients (pts) with advanced melanoma previously exposed to anti-PD-1/PD-L1 agents: Phase 2 LEAP-004 study.

Authors*: ANA Maria Arance Fernandez, Paolo Antonio Ascierto, Matteo S. Carlino, **Adil Daud**, Alexander M. Eggermont, Axel Hauschild, Harriet M. Kluger, Matthew H. Taylor, Alan Smith, Ke Chen, Clemens Krepler, Scott J. Diede, Steven O'Day

Abstract #: TPS9594

Abstract link: http://abstracts.asco.org/239/AbstView_239_251513.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Daud Research Interests: Our group at UCSF is focused on developing new immunotherapy agents and specifically understanding the biology of the immune response to PD-1 in melanoma. We developed IL-12 gene therapy in melanoma and carried out the first in human clinical trial in 2005-2007. Based on this work, IL-12 electroporation is being explored in many cancers as an immune agent and as a combination treatment with PD-1 and other checkpoint inhibitors in melanoma. I have been involved in the development of anti-PD-1 antibodies for melanoma. With my colleagues Michael Rosenblum and Max Krummel at UCSF, we have developed a novel assay that profiles the intra-tumoral microenvironment in depth and can predict non-response to PD-1. We are currently exploring novel strategies for PD-1 non responsive subsets of melanoma (and potentially other cancers).

http://cancer.ucsf.edu/people/profiles/daud_adil.3622

Phase II single-arm multicenter study of adjuvant ipilimumab in combination with nivolumab in subjects with high-risk ocular melanoma.

Authors*: Suthee Rapisuwon, Sapna Pradyuman Patel, Richard D. Carvajal, Leonel Fernando Hernandez-Aya, **Katy K. Tsai**, Sunandana Chandra, Ming Tony Tan, **Adil Daud**, Jeffrey Alan Sosman, Michael B. Atkins

Abstract #: TPS9604

Abstract link: http://abstracts.asco.org/239/AbstView_239_264175.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Tsai Research Interests: Dr. Tsai is a medical oncologist who specializes in the treatment of advanced melanoma and non-melanoma skin cancers, including squamous cell carcinoma, basal cell carcinoma, and Merkel cell carcinoma. Her interests include the development and evaluation of novel therapeutics, with special emphasis on molecularly targeted agents and immunotherapies in the treatment of melanoma, as well as advancing quality of life/supportive care issues in melanoma patients. She collaborates with laboratory-based investigators to identify promising translational targets and host/disease characteristics of response, and also works with other clinical researchers to identify toxicities of treatment and relevant survivorship issues in UCSF's patient populations. She leads the UCSF site committee for cutaneous malignancy-specific clinical trial development.

<http://profiles.ucsf.edu/katy.tsai>

Prognostic factors among older adults with advanced non-small cell lung cancer (NSCLC): A multisite cohort study.

Authors*: Melisa L. Wong, Christine Miaskowski, Alexander K. Smith, W. John Boscardin, Harvey Jay Cohen, Arti Hurria, **Vivian Lam**, Carling Jade Ursem, Collin Michael Blakely, Matthew A. Gubens, **Thierry Marie Jahan**, **Caroline Elizabeth McCoach**, Gregory Maners Allen, **Julia Rotow**, **Niharika Dixit**, **Vivek Musinipally**, Katey R. Webber, **Louise Christie Walter**

Abstract #: 11540

Abstract link: http://abstracts.asco.org/239/AbstView_239_247563.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Walter Research Interests: Dr. Walter is a clinician-researcher who is a national leader in evaluating the real-world risks and benefits of cancer screening in older patients. Dr. Walter is Chief of the UCSF Division of Geriatrics and a primary care geriatrician at the San Francisco VA Health Care System. She has developed novel methodology demonstrating the fundamental importance of life expectancy rather than age in determining benefits and risks of screening and preventive interventions. Virtually every cancer screening guideline cites her research. In addition, Dr. Walter led a series of seminal studies demonstrating decisions to screen older adults for cancer are often dictated more by age than health such that many patients in poor health continue to undergo screening while many healthy older patients fail to get screened. Also, she discovered that cancer screening frequently leads to significant harms without benefit in patients in poor health and developed a taxonomy and quantification of screening harms.

http://cancer.ucsf.edu/people/profiles/walter_louise.3728

Female fertility preservation (FP) at pediatric cancer centers: A report from the Children's Oncology Group (COG).

Authors*: Jennifer Levine, Gwendolyn P. Quinn, James Klotsky, Joanne Frankel Kelvin, Brooke Cherven, Elyse Bryson, Sameeya Ahmed-Winston, Natasha Frederick, Julianne Brackett, Lillian Meacham, David Robert Freyer, **Christopher Dvorak**, Eric Jessen Chow

Abstract #: 11567

Abstract link: http://abstracts.asco.org/239/AbstView_239_259411.html

Presentation Date/Time: Monday, June 3, 1:15 PM - 4:15 PM

Location: Hall A

Presentation: Poster Session

Dvorak Research Interests: My primary research focus is the supportive care aspects of pediatric HCT, with a goal of decreasing treatment-related morbidity and mortality. I am the immediate past Chair of the international Pediatric Blood and Marrow Transplant Consortium's (PBMTC) Supportive Care Strategy Group. In the Children's Oncology Group (COG), I am both the Chair of the Cancer Control & Supportive Care Committees, and serve on the Stem Cell Transplant and Cellular Therapy Steering Committees, overseeing the design of clinical trials in this field.

https://cancer.ucsf.edu/people/profiles/dvorak_christopher.3611

PDA: Target or Not?

Authors*: Eric Andrew Collisson, MD

Abstract #:

Abstract link:

Presentation Date/Time: Monday, June 3, 3:30 PM - 3:42 PM

Location: Arie Crown Theater

Presentation: Poster Discussion Session

Collisson Research Interests: I am a medical oncologist with a specific interest in the genomics of cancer. My laboratory uses a variety of techniques to interrogate three basic themes in the biology and clinical behavior of these deadly cancers: (1) intra-patient tumor heterogeneity at the temporal and anatomic levels, (2) inter-patient heterogeneity between different patients, and (3) tumor-microenvironmental interactions. We use a combination of genetically engineered mouse models, cell lines, and clinically derived samples to interrogate multiple genomic outputs with a focus on genomic DNA and mRNA.

http://cancer.ucsf.edu/people/profiles/collisson_eric.3949

TUESDAY | JUNE 4, 2019**Neoadjuvant Therapy or Not in Resectable Pancreatic Ductal Adenocarcinoma****Authors*:** Andrew H. Ko, MD, FASCO**Abstract #:****Abstract link:****Presentation Date/Time:** Tuesday, June 4, 9:45 AM - 10:45 AM**Location:** S100bc**Presentation:** Interactive Case-Based Session

Ko Research Interests: My primary clinical and research interests focus on gastrointestinal malignancies, with a particular emphasis on pancreatic and gastroesophageal cancers. I have received research funding from the National Cancer Institute, a career development award from the American Society of Clinical Oncology (ASCO), and have partnered with multiple industry collaborators in developing and evaluating a variety of new therapeutic agents ranging from novel cytotoxics to molecularly targeted agents to immunotherapies. My interests also include identifying individual patient/tumor characteristics that influence prognosis and response to specific therapies, including both tissue- and blood-based biomarkers. I have served on the scientific program committee, grants committee, and specialty editorial board for the American Society of Clinical Oncology (ASCO), am currently an Associate Editor for the Journal of Clinical Oncology, and serve as a member of NCI's Pancreatic Cancer Task Force and the NCCN Pancreatic Cancer guidelines committee.

http://cancer.ucsf.edu/people/profiles/ko_andrew.3444

SOPHIA primary analysis: A phase 3 (P3) study of margetuximab (M) + chemotherapy (C) versus trastuzumab (T) + C in patients (pts) with HER2+ metastatic (met) breast cancer (MBC) after prior anti-HER2 therapies (Tx).

Authors*: Hope S. Rugo, Seock-Ah Im, Gail Lynn Shaw Wright, Santiago Escrivá-de-Romani, Michelino DeLaurentiis, Javier Cortes, Shakeela Wazeen Bahadur, Barbara B. Haley, Raul H. Oyola, David A. Riseberg, Antonino Musolino, Fatima Cardoso, Giuseppe Curigliano, Peter A. Kaufman, Mark D. Pegram, Sutton Edlich, Sam Hong, Edwin P. Rock, William John Gradishar

Abstract #: 1000**Abstract link:** http://abstracts.asco.org/239/AbstView_239_251533.html**Presentation Date/Time:** Tuesday, June 4, 9:45 AM - 9:57 AM**Location:** Hall D1**Presentation:** Oral Abstract Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

IMpassion130: updated overall survival (OS) from a global, randomized, double-blind, placebo-controlled, Phase III study of atezolizumab (atezo) + nab-paclitaxel (nP) in previously untreated locally advanced or metastatic triple-negative breast cancer (mTNBC).

Authors*: Peter Schmid, Sylvia Adams, **Hope S. Rugo**, Andreas Schneeweiss, Carlos H. Barrios, Hiroji Iwata, Veronique Dieras, Volkmar Henschel, Luciana Molinero, Stephen Y. Chui, Amreen Husain, Eric P. Winer, Sherene Loi, Leisha A. Emens

Abstract #: 1003

Abstract link: http://abstracts.asco.org/239/AbstView_239_252769.html

Presentation Date/Time: Tuesday, June 4, 10:45 AM - 10:57 AM

Location: Hall D1

Presentation: Oral Abstract Session

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

Efficacy and safety of the combination of nivolumab (NIVO) plus ipilimumab (IPI) in patients with symptomatic melanoma brain metastases (CheckMate 204).

Authors*: Hussein Abdul-Hassan Tawbi, Peter A. J. Forsyth, F. Stephen Hodi, Christopher D. Lao, Stergios J. Moschos, Omid Hamid, Michael B. Atkins, Karl D. Lewis, Reena Parada Thomas, John A. Glaspy, Sekwon Jang, **Alain Patrick Algazi**, Nikhil I. Khushalani, Michael A. Postow, Anna C. Pavlick, Marc S. Ernstoff, David A. Reardon, Agnes Balogh, Jasmine I. Rizzo, Kim Allyson Margolin

Abstract #: 9501

Abstract link: http://abstracts.asco.org/239/AbstView_239_259645.html

Presentation Date/Time: Tuesday, June 4, 9:57 AM - 10:09 AM

Location: S406

Presentation: Oral Abstract Session

Algazi Research Interests: My research interests focus on enhancing anti-tumor immune responses in patients with advanced melanoma and head and neck (H&N) cancer. Anti-tumor immune responses induced by PD-1 antibodies can be limited by inadequate tumor infiltration by effector T-cells, the presence of regulatory cells, or the absence of pro-inflammatory cytokine in the tumor. To bridge this gap, I have been leading clinical trials of intratumoral plasmid injection followed by electroporation of plasmid IL-12, which can induce TIL infiltration and cytokine elaboration. This, in turn, can lead to regression of both injected and uninjected lesions in metastatic melanoma patients with extensive in-transit lesions. Early data suggests that that plasmid IL-12 therapy can augment the activity of checkpoint inhibitors. As UCSF's Program Leader for H&N Medical Oncology and Chair of the H&N Research Committee, I am currently developing a portfolio trials focused on immune therapy in squamous cell carcinoma of the head and neck in working on a collaboration to develop a new mouse model with a humanized immune system to facilitate evaluation of immune therapy combinations optimized for use in humans.

https://cancer.ucsf.edu/people/profiles/algazi_alain.3320

Correlates of overall survival (OS) in metastatic uveal melanoma (mUM) and a randomized trial of cabozantinib (cabo) versus chemotherapy (chemo).

Authors*: Daniel Olson, Riyue Bao, Jacob B Allred, Carrie Strand, Yuanyuan Zha, Timothy C. Carll, Brian Labadie, Bruno R. Bastos, Marcus O. Butler, **Pamela N. Munster**, Gary K. Schwartz, Jason J. Luke

Abstract #: 9506

Abstract link: http://abstracts.asco.org/239/AbstView_239_254617.html

Presentation Date/Time: Tuesday, June 4, 11:45 AM - 11:57 AM

Location: S406

Presentation: Oral Abstract Session

Munster Research Interests: Our lab is interested in developing novel strategies to overcome hormone therapy resistance in breast cancer.

http://cancer.ucsf.edu/people/profiles/munster_pamela.3449

Utilizing the patient-reported outcomes measurement information system (PROMIS) to assess quality of life among breast cancer patients at an academic center.

Authors*: Madeline B. Matthys, Andre Dempsey, Michelle E. Melisko, Amrita Basu, Nickolas Dreher, Laura van 't Veer, Laura Esserman

Abstract #: e23171

Abstract link: http://abstracts.asco.org/239/AbstView_239_259235.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Esserman Research Interests: Dr. Esserman, surgeon & breast cancer oncology specialist, is the Carol Franc Buck Breast Care Center Director and co-leads the Breast Oncology Program. Her research is on improving healthcare value through integrating translational science, clinical informatics, systems re-engineering & clinical care delivery. In 2005, she received the NCI SPORE Investigator of the Year Award. In 2016 she received the Arbuckle Award from Stanford Graduate School of Business for Excellence in Management & was named to TIME's 100 most influential people list. She is PI of the I-SPY TRIAL program, now a model for translational research & innovation in clinical trial design. She launched the Athena Breast Health Network to follow women from screening through treatment & outcomes, incorporating the latest in molecular testing & web-based tools. Athena just launched the WISDOM study to compare personalized vs annual breast cancer screening in 100,000 women and to predict who gets what kind of cancer.

<http://profiles.ucsf.edu/laura.esserman>

Evaluation of monovalent versus biparatopic CD3xPSMA bispecific antibodies for t-cell mediated killing of prostate tumor cells with minimal cytokine release

Authors*: Ben Buelow, Starlynn Clarke, Kevin Dang, **Jacky Li**, **Chiara Rancan**, Yuping Li, Preethi Sankaran, Duy Pham, Aarti Balasubramani, Laura Davison, Katherine Harris, Brett Jorgensen, Ute Schellenberger, Nathan Trinklein, Harshad Ugamraj, **Lawrence Fong**, Wim Van Schooten, Shelley Force Aldred

Abstract #: e16519

Abstract link: http://abstracts.asco.org/239/AbstView_239_259709.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Fong Research Interests: My lab focuses on how the immune system interacts with cancer as well as exploring tumor immunotherapies in mouse models and in patients. Our primary focus is in immunotherapy of solid malignancies. We investigate how immunotherapies such as immune checkpoint inhibitors and cancer vaccines can enhance anti-tumor immunity both systemically and in the tumor microenvironment. Performing neoadjuvant immunotherapy trials, we determine how specific therapies can recruit immune effectors in cancer patients. Moreover, we have studied how clinical responders may differ from clinical non-responders. We are applying unbiased approaches to studying antigen-specific responses that are modulated in these patients and are currently developing biomarkers that may be predictive of clinical efficacy.

https://cancer.ucsf.edu/people/profiles/fong_lawrence.3521

Response to PD-1 inhibition in early- and late-relapsing cutaneous melanoma

Authors*: Kelly Fitzgerald, Adil Daud

Abstract #: e21038

Abstract link: http://abstracts.asco.org/239/AbstView_239_259969.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Daud Research Interests: Our group at UCSF is focused on developing new immunotherapy agents and specifically understanding the biology of the immune response to PD-1 in melanoma. We developed IL-12 gene therapy in melanoma and carried out the first in human clinical trial in 2005-2007. Based on this work, IL-12 electroporation is being explored in many cancers as an immune agent and as a combination treatment with PD-1 and other checkpoint inhibitors in melanoma. I have been involved in the development of anti-PD-1 antibodies for melanoma. With my colleagues Michael Rosenblum and Max Krummel at UCSF, we have developed a novel assay that profiles the intra-tumoral microenvironment in depth and can predict non-response to PD-1. We are currently exploring novel strategies for PD-1 non responsive subsets of melanoma (and potentially other cancers).

http://cancer.ucsf.edu/people/profiles/daud_adil.3622

Prospective cardiac function monitoring in immunotherapy-treated patients

Authors*: Mandar A Aras, Lauren Cuevas, Dwight Bibby, Qizhi Fang, Adil Daud, Nelson B Schiller, Katy K. Tsai

Abstract #: e14157

Abstract link: http://abstracts.asco.org/239/AbstView_239_255231.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Tsai Research Interests: Dr. Tsai is a medical oncologist who specializes in the treatment of advanced melanoma and non-melanoma skin cancers, including squamous cell carcinoma, basal cell carcinoma, and Merkel cell carcinoma. Her interests include the development and evaluation of novel therapeutics, with special emphasis on molecularly targeted agents and immunotherapies in the treatment of melanoma, as well as advancing quality of life/supportive care issues in melanoma patients. She collaborates with laboratory-based investigators to identify promising translational targets and host/disease characteristics of response, and also works with other clinical researchers to identify toxicities of treatment and relevant survivorship issues in UCSF's patient populations. She leads the UCSF site committee for cutaneous malignancy-specific clinical trial development.

<http://profiles.ucsf.edu/katy.tsai>

The Neat-HER Virtual Registry: A novel registry following HER2+ ESBC patients receiving neratinib in the extended adjuvant setting

Authors*: Debu Tripathy, Gregory A. Vidal, Deepa Lalla, Richard Bryce, Gillian Hanson, Melissa Brammer, Feng Xu, **Hope S. Rugo**

Abstract #: e12035

Abstract link: http://abstracts.asco.org/239/AbstView_239_265647.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Rugo Research Interests: Hope S. Rugo, MD, is a medical oncologist specializing in breast cancer (BC) research and treatment. She is a Professor of medicine, the Director of Breast Oncology and Clinical Trials Education at UCSF and a principal investigator of multiple clinical trials focusing on combining novel targeted therapeutics with standard treatment to improve BC treatment. Her current research interests include immunotherapy and combinations of targeted agents to overcome resistance, plus studies focusing on reducing toxicity from therapy, which resulted in approval of scalp cooling to reduce chemotherapy induced hair loss, and a steroid mouthwash to reduce targeted agent stomatitis. She is an investigator and the chair of the Safety Committee for the phase II I-SPY2 trial, and also serves on the Novel Agents Committee. Dr. Rugo is the co-chair of the Triple Negative Working Group and an active member of the Translational Breast Cancer Research Consortium. She is also an active member of the Alliance Breast Committee.

http://cancer.ucsf.edu/people/profiles/rugo_hope.3648

A novel preclinical model of cholangiocarcinoma based on human aberrant FBXW7 expression

Authors*: Jingxiao Wang, **Haichuan Wang**, Michele Peters, Ning Ding, Silvia Ribback, Kirsten Utpatel, Matthias Evert, Antonio Cigliano, Frank Dombrowski, **Xinhua Song**, Antonio Cossu, **Meng Xu**, **Li Che**, **John Dozier Gordan**, Diego Calvisi, **Xin Chen**

Abstract #: e15624

Abstract link: http://abstracts.asco.org/239/AbstView_239_259495.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Chen Research Interests: Our lab studies molecular genetics and signaling pathways during liver cancer growth to develop new therapies to treat this deadly disease.

<https://pharm.ucsf.edu/xinchen>

Mutations of H3.3 and H3.1 in a large cohort of glioma tumors

Authors*: Ashley Love Sumrall, Joanne Xiu, Jennifer M Eschbacher, Sandeep Mittal, Zoran Gatalica, Manjari K Pandey, Surasak Phuphanich, **Wolfgang Michael Korn**, Gregory N. Fuller, Amy B. Heimberger

Abstract #: e13540

Abstract link: http://abstracts.asco.org/239/AbstView_239_266639.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

FOXO1, an AKT downstream substrate, plays a role as tumor suppressor in HCC pathogenesis

Authors*: Shu Zhang, **Xin Chen**

Abstract #: e15627

Abstract link: http://abstracts.asco.org/239/AbstView_239_260519.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Chen Research Interests: Our lab studies molecular genetics and signaling pathways during liver cancer growth to develop new therapies to treat this deadly disease.

<https://pharm.ucsf.edu/xinchen>

Genomic analysis of hepatocellular carcinoma (HCC) with active hepatitis B virus (HBV) replication

Authors*: Huat Chye Lim, John Dozier Gordan

Abstract #: e15593

Abstract link: http://abstracts.asco.org/239/AbstView_239_246721.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Phase II multicenter study of antroquinonol in patients with stage IV non-small cell lung cancer who have failed at least two lines of anti-cancer therapy

Authors*: Ching-Liang Ho, David S. Ettinger, Pei-Ni Chen, Howard Cheng, Wu-Che Wen, Shang-Yin Wu, **Thierry Marie Jahan**, Mary J. Fidler, Bradley Walter Lash, Igor I. Rybkin, Natalie Stanton

Abstract #: e20522

Abstract link: http://abstracts.asco.org/239/AbstView_239_251357.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Jahan Research Interests: Thierry M. Jahan, M.D. is a renowned medical oncologist who specializes in the treatment of thoracic malignancies such as mesothelioma, and soft tissue sarcomas. He is the Principal Investigator on numerous thoracic oncology clinical trials. He has a particular interest in testing target therapies in non-small cell lung cancer malignant mesothelioma as either single agents or in combination with chemotherapy and/or radiation.

https://cancer.ucsf.edu/people/profiles/jahan_thierry.3470

Bridging the information gap: A scoping review of radiation oncology patient education scholarship

Authors*: David M. Rosenberg, Michael Kevin Rooney, Ritu Arya, Matthew J. Abrams, **Steve E. Braunstein**, Jennifer M. Croke, Meredith Elana Giuliani, Jillian Rebecca Gunther, Ariel Hirsch, Paris-Ann Ingledew, Sandra Turner, Daniel William Golden

Abstract #: e23164

Abstract link: http://abstracts.asco.org/239/AbstView_239_250955.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Meta-analysis utilizing public data suggests role of innate immunity in the pathogenesis of hurthle cell carcinoma (HCC)

Authors*: David Allen, Ross Wanner, Sean McDermott, Jihad Aljabban, Saad Syed, Charles Elmaraghy, **Dexter Hadley**

Abstract #: e13048

Abstract link: http://abstracts.asco.org/239/AbstView_239_270333.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Hadley Research Interests: Dr. Hadley's expertise is in translating big data into precision medicine and digital health. His research generates, annotates, and ultimately reasons over large multi-modal data stores to identify novel biomarkers and potential therapeutics for disease. His early work resulted in a successful precision medicine clinical trial for ADHD a first-in-class, non-stimulant neuromodulator to be targeted across the neuropsychiatric disease spectrum. More recently, his laboratory was funded by the NIH Big Data to Knowledge initiative to develop the stargate.org online portal to crowd-source annotations of open genomics big data that allows users to discover the functional genes and biological pathways that are defective in disease. Dr. Hadley also develops state-of-the-art data driven models of clinical intelligence that drive clinical applications to more precisely screen, diagnose, and manage disease. The end point of his work is rapid proofs of concept clinical trials in humans that translate into better patient outcomes and reduced morbidity and mortality across the spectrum of disease.

http://cancer.ucsf.edu/people/profiles/hadley_dexter.8139

Assessing real-world outcomes in precision oncology by linking clinical genomic testing to electronic medical records

Authors*: Debajyoti Datta, Theodore Goldstein, **Atul Butte**

Abstract #: e18091

Abstract link: http://abstracts.asco.org/239/AbstView_239_269993.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Butte Research Interests: The research in my lab is focused on developing and using bioinformatics methods to integrate, leverage, and reason over genomic, genetic, phenotypic, and other sources of molecular data to yield tools for physicians and patients. Example of this method includes work on cancer drug discovery (PNAS, 2000), type 2 diabetes (PNAS, 2003), fat cell formation (Nature Cell Biology, 2005), obesity (Bioinformatics, 2007), and transplantation (PNAS, 2009). To facilitate this, we have developed tools for indexing public genomic data sets (Nature Biotechnology, 2006), re-mapping microarray data (Nature Methods, 2007), and in cloud-computing (Nature Biotechnology, 2010). We also develop novel methods to explore human physiology using electronic health record data (Science, 2008), and in the medical risk estimation from whole genomes (Lancet, 2010).

<http://buttelab.ucsf.edu>

Pharmacokinetic (PK) characterization of irinotecan liposome injection in patients (pts) with metastatic breast cancer (mBC)

Authors*: Carey K. Anders, Jasjit C Sachdev, **Pamela N. Munster**, Anna Pedret-Dunn, Fiona Maxwell, Donald W. Northfelt, Hyo S. Han, Cynthia X. Ma

Abstract #: e12003

Abstract link: http://abstracts.asco.org/239/AbstView_239_247985.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Munster Research Interests: Our lab is interested in developing novel strategies to overcome hormone therapy resistance in breast cancer.

http://cancer.ucsf.edu/people/profiles/munster_pamela.3449

Safety and preliminary immunogenicity of JNJ-64041809, a live attenuated, double-deleted *Listeria monocytogenes*-based immunotherapy, in metastatic castration-resistant prostate cancer (mCRPC)

Authors*: Charles G. Drake, Russell Kent Pachynski, Sumit Kumar Subudhi, Douglas G. McNeel, Emmanuel S. Antonarakis, Todd Michael Bauer, Daniel Patricia, Mark Wade, Enrique Zudaire, Gary Mason, Roland Elmar Knoblauch, Nicole L. Stone, Jeffrey R. Infante, Marco Gottardis, **Lawrence Fong**

Abstract #: e16509

Abstract link: http://abstracts.asco.org/239/AbstView_239_255531.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Fong Research Interests: My lab focuses on how the immune system interacts with cancer as well as exploring tumor immunotherapies in mouse models and in patients. Our primary focus is in immunotherapy of solid malignancies. We investigate how immunotherapies such as immune checkpoint inhibitors and cancer vaccines can enhance anti-tumor immunity both systemically and in the tumor microenvironment. Performing neoadjuvant immunotherapy trials, we determine how specific therapies can recruit immune effectors in cancer patients. Moreover, we have studied how clinical responders may differ from clinical non-responders. We are applying unbiased approaches to studying antigen-specific responses that are modulated in these patients and are currently developing biomarkers that may be predictive of clinical efficacy.

https://cancer.ucsf.edu/people/profiles/fong_lawrence.3521

Delays in diagnosis in young patients with leukemia and lymphoma

Authors*: **Lena Winestone**, Jeffrey McPheeters, Diane Puccetti, Jennifer Jill Wilkes, Lori S. Muffly, Justine Kahn, Henry J. Henk, Jill P. Ginsberg, Theresa Keegan, Brad H. Pollock, Elysia Marie Alvarez

Abstract #: e18138

Abstract link: http://abstracts.asco.org/239/AbstView_239_262613.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Winestone Research Interests: Dr. Lena Winestone is clinically focused on pediatric blood and marrow transplant. Dr. Winestone's research explores racial, ethnic, and socioeconomic disparities in access to care and outcome of leukemia and lymphoma treatment. She has studied access to care across the continuum of cancer from diagnosis and clinical trial enrollment through treatment and relapse to salvage therapies. Her research related to delays at diagnosis is focused on determining the predictive factors, so that appropriate interventions and policies can be implemented to improve access to care. In addition, her ongoing work has demonstrated a link between poverty, insurance, and survival in pediatric oncology patients. She has also shown that certain populations are less likely to be enrolled on upfront cancer clinical trials. Her ongoing work investigates access to highly specialized and complex therapies such as stem cell transplant, chimeric antigen receptor T cells, and MIBG therapy.

http://cancer.ucsf.edu/people/profiles/winestone_lena.9218

Impact of the Affordable Care Act on insurance for adolescents and young adults with cancer

Authors*: **Lena Winestone**, Lauren Hochman, James Sharpe, Elysia Marie Alvarez, Laura Becker, Eric Jessen Chow, Jonathan D. Fish, Joseph Reiter, Jill P. Ginsberg, Jeffrey H. Silber

Abstract #: e18125

Abstract link: http://abstracts.asco.org/239/AbstView_239_258165.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Winestone Research Interests: Dr. Lena Winestone is clinically focused on pediatric blood and marrow transplant. Dr. Winestone's research explores racial, ethnic, and socioeconomic disparities in access to care and outcome of leukemia and lymphoma treatment. She has studied access to care across the continuum of cancer from diagnosis and clinical trial enrollment through treatment and relapse to salvage therapies. Her research related to delays at diagnosis is focused on determining the predictive factors, so that appropriate interventions and policies can be implemented to improve access to care. In addition, her ongoing work has demonstrated a link between poverty, insurance, and survival in pediatric oncology patients. She has also shown that certain populations are less likely to be enrolled on upfront cancer clinical trials. Her ongoing work investigates access to highly specialized and complex therapies such as stem cell transplant, chimeric antigen receptor T cells, and MIBG therapy.

http://cancer.ucsf.edu/people/profiles/winestone_lena.9218

Factors impacting time to diagnosis in pediatric, adolescent and young adult (AYA) patients with solid tumors

Authors*: Elysia Marie Alvarez, **Lena Winestone**, Jeffrey McPheeters, Diane Puccetti, Jennifer Jill Wilkes, Henry J. Henk, Smita Bhatia, Jill P. Ginsberg, Theresa Keegan, Brad H. Pollock

Abstract #: e21515

Abstract link: https://abstracts.asco.org/239/AbstView_239_265775.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Winestone Research Interests: Dr. Lena Winestone is clinically focused on pediatric blood and marrow transplant. Dr. Winestone's research explores racial, ethnic, and socioeconomic disparities in access to care and outcome of leukemia and lymphoma treatment. She has studied access to care across the continuum of cancer from diagnosis and clinical trial enrollment through treatment and relapse to salvage therapies. Her research related to delays at diagnosis is focused on determining the predictive factors, so that appropriate interventions and policies can be implemented to improve access to care. In addition, her ongoing work has demonstrated a link between poverty, insurance, and survival in pediatric oncology patients. She has also shown that certain populations are less likely to be enrolled on upfront cancer clinical trials. Her ongoing work investigates access to highly specialized and complex therapies such as stem cell transplant, chimeric antigen receptor T cells, and MIBG therapy.

http://cancer.ucsf.edu/people/profiles/winestone_lena.9218

Factors associated with delays in diagnosis of pediatric, adolescent and young adult patients with central nervous system tumors

Authors*: Diane Marie Puccetti, **Lena Winestone**, Jeffrey McPheeters, Jennifer Jill Wilkes, Henry J. Henk, Elysia Marie Alvarez

Abstract #: e13532

Abstract link: https://abstracts.asco.org/239/AbstView_239_265121.html

Presentation Date/Time:

Location:

Presentation: Publication-only abstract

Winestone Research Interests: Dr. Lena Winestone is clinically focused on pediatric blood and marrow transplant. Dr. Winestone's research explores racial, ethnic, and socioeconomic disparities in access to care and outcome of leukemia and lymphoma treatment. She has studied access to care across the continuum of cancer from diagnosis and clinical trial enrollment through treatment and relapse to salvage therapies. Her research related to delays at diagnosis is focused on determining the predictive factors, so that appropriate interventions and policies can be implemented to improve access to care. In addition, her ongoing work has demonstrated a link between poverty, insurance, and survival in pediatric oncology patients. She has also shown that certain populations are less likely to be enrolled on upfront cancer clinical trials. Her ongoing work investigates access to highly specialized and complex therapies such as stem cell transplant, chimeric antigen receptor T cells, and MIBG therapy.

http://cancer.ucsf.edu/people/profiles/winestone_lena.9218

SUMMARY OF ABSTRACTS BY FACULTY MEMBER

Rahul Aggarwal, MD

- 3022 Exceptional responders to abexinostat (ABX) plus pazopanib (PAZ) in pretreated renal cell carcinoma (RCC) and other solid tumors: Long-term follow-up of a phase 1b study.
- 5051 Clinical and genomic hallmarks of low PSA secretors in metastatic castration-resistant prostate cancer (mCRPC).

Alain Algazi, MD

- 6039 Phase 1b/2, open label, multicenter study of intratumoral SD-101 in combination with pembrolizumab in anti-PD-1 treatment naïve patients with recurrent or metastatic head and neck squamous cell carcinoma (HNSCC).
- 9501 Efficacy and safety of the combination of nivolumab (NIVO) plus ipilimumab (IPI) in patients with symptomatic melanoma brain metastases (CheckMate 204).

Charalambos “Babis” Andreadis, MD

- 7516 Safety and preliminary efficacy in patients (pts) with relapsed/refractory (R/R) mantle cell lymphoma (MCL) receiving lisocabtagene maraleucel (Liso-cel) in TRANSCEND NHL 001.

Mekhail Anwar, MD PhD

- 3572 Factors affecting differential outcomes in the definitive treatment of anal cancer between HIV+ and HIV- patients.

Alan Ashworth, PhD, FRS

- 3058 Changes in DNA hydroxymethylation for the detection of multiple cancers in plasma cell-free DNA.

Jennifer Babik, MD, PhD

- 10500 Feasibility of implementing a resident oncology video curriculum.

Emily Bergsland, MD

- 4005 Prospective randomized phase II trial of pazopanib versus placebo in patients with progressive carcinoid tumors (CARC)(Alliance A021202).

Collin Blakely, MD

- 102 Association of STK11/LKB1 genomic alterations with lack of benefit from the addition of pembrolizumab to platinum doublet chemotherapy in non-squamous non-small cell lung cancer.

Hala Borna, MD

— From Trials to Treatment: Addressing Disparities in Access to Prostate Cancer Care

Steve Braunstein, MD

e23164 Bridging the information gap: A scoping review of radiation oncology patient education scholarship

Nicholas Butowski, MD

2018 Quantitative radiographic analysis of phase II and III trials in recurrent glioblastoma treated with VB-111 with or without bevacizumab or bevacizumab monotherapy.

2023 DGM1 may serve as a novel genetic biomarker of response to enzastaurin in glioblastoma.

2039 MDNA55: A locally administered IL4 guided toxin as a targeted treatment for recurrent glioblastoma.

Atul Butte, MD, PhD

e18091 Assessing real-world outcomes in precision oncology by linking clinical genomic testing to electronic medical records

Peter Carroll, MD, MPH

5012 Diagnostic performance of 18F-DCFPyL in the OSPREY Trial: A prospective phase 2/3 multicenter study of 18F-DCFPyL PET/CT imaging in patients (Pts) with known or suspected metastatic prostate cancer (mPC).

TPS5093 A phase III, multicenter study to assess the diagnostic performance and clinical impact of 18F-DCFPyL PET/CT in men with suspected recurrence of prostate cancer (CONDOR).

Susan Chang, MD

2024 Barriers to accrual and enrollment in brain tumor trials.

Lee-may Chen, MD

5513 Adavosertib with chemotherapy (CT) in patients (pts) with platinum-resistant ovarian cancer (PPROC): An open label, four-arm, phase II study.

Xin Chen, PhD

e15624 A novel preclinical model of cholangiocarcinoma based on human aberrant FBXW7 expression

e15627 FOXO1, an AKT downstream substrate, plays a role as tumor suppressor in HCC pathogenesis

Jennifer L. Clarke, MD, MPH

2027 Safety and activity of a first-in-class oral HIF2-alpha inhibitor, PT2385, in patients with first recurrent glioblastoma (GBM).

2032 Phase II study to evaluate safety and efficacy of MEDI4736 (durvalumab) + radiotherapy in patients with newly diagnosed unmethylated MGMT glioblastoma (new unmeth GBM).

2056 Molecular genetic, host-derived and clinical determinants of long-term survival in glioblastoma: First results from the ETERNITY study (EORTC 1419).

2003 A phase I, open label, perioperative study of AG-120 and AG-881 in recurrent IDH1 mutant, low-grade glioma: Results from cohort 1.

Eric Collisson, MD

— PDA: Target or Not?

Matthew R. Cooperberg, MD, MPH

- 5035 Overall survival (OS) of African-American (AA) and Caucasian (CAU) men who received sipuleucel-T for metastatic castration-resistant prostate cancer (mCRPC): Final PROCEED analysis.
- 5055 Complex biologic heterogeneity of de novo hormone naïve metastatic prostate cancer (HNPc): Comparison of early progressors and prolonged responders to initial systemic treatment.

Lindsey Criswell, MD, MPH

- 2586 Genetic determinants of adverse events in cancer patients receiving immune checkpoint inhibitors.

Lloyd E. Damon, MD

- TPS7064 A phase I/II study of blinatumomab in combination with pembrolizumab for adults with relapsed refractory B-lineage acute lymphoblastic leukemia: University of California Hematologic Malignancies Consortium Study 1504.

Adil Daud, MD

- TPS9594 Lenvatinib (len) plus pembrolizumab (pembro) in patients (pts) with advanced melanoma previously exposed to anti-PD-1/PD-L1 agents: Phase 2 LEAP-004 study.
- e21038 Response to PD-1 inhibition in early- and late-relapsing cutaneous melanoma

Christopher C. Dvorak, MD

- 10050 Male fertility preservation (FP) at pediatric cancer centers: A report from the Children's Oncology Group (COG).
- 11567 Female fertility preservation (FP) at pediatric cancer centers: A report from the Children's Oncology Group (COG).

Laura Esserman, MD, MBA

- e23171 Utilizing the patient-reported outcomes measurement information system (PROMIS) to assess quality of life among breast cancer patients at an academic center.

Felix Y Feng, MD

- TPS5091 IMPACT: Immunotherapy in patients with metastatic cancers and CDK12 mutations.

Shannon Fogh, MD

- TPS8578 NRG Oncology CC003: A randomized phase II/III trial of prophylactic cranial irradiation with or without hippocampal avoidance for small cell lung cancer.

Lawrence Fong, MD

- 5037 Randomized phase II trial of a DNA vaccine encoding prostatic acid phosphatase (pTVG-HP) versus GM-CSF adjuvant in patients with PSA-recurrent prostate cancer.
- 4515 Patient-reported outcomes (PROs) in IMmotion150: Atezolizumab (atezo) alone or with bevacizumab (bev) versus sunitinib (sun) in first-line metastatic renal cell carcinoma (mRCC).
- e16519 Evaluation of monovalent versus biparatopic CD3xPSMA bispecific antibodies for t-cell mediated killing of prostate tumor cells with minimal cytokine release
- e16509 Safety and preliminary immunogenicity of JNJ-64041809, a live attenuated, double-deleted *Listeria* monocytogenes-based immunotherapy, in metastatic castration-resistant prostate cancer (mCRPC)

Terrence W. Friedlander, MD

- Additional Immunotherapeutic Options Beyond Anti-PD1/Anti-PD-L1

Andrei Goga, MD, PhD

- 1072 A phase Ib trial of the cyclin-dependent kinase inhibitor dinaciclib (dina) in combination with pembrolizumab (P) in patients with advanced triple-negative breast cancer (TNBC).

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- 3523 A regulatory program that promotes metastasis in colorectal cancer (CRC) through modulation of mRNA stability.

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- e15593 Genomic analysis of hepatocellular carcinoma (HCC) with active hepatitis B virus (HBV) replication

Matthew A. Gubens, MD

- LBA9015 Five-year long-term overall survival for patients with advanced NSCLC treated with pembrolizumab: Results from KEYNOTE-001.
- TPS9117 Biomarker-directed precision oncology of pembrolizumab-based combination therapy for non-small cell lung cancer: Phase II KEYNOTE-495/KeyImPaCT study.

Dexter Hadley, MD, PhD

- 7531 Assessing the potential of immunotherapy in treating chronic lymphocytic leukemia through meta-analysis.
- e13048 Meta-analysis utilizing public data suggests role of innate immunity in the pathogenesis of hurthle cell carcinoma (HCC)

Michelle L. Hermiston, MD, PhD

- 10033 Gene expression signature associated with in vitro dexamethasone resistance and post-induction minimal residual disease in pediatric T-cell acute lymphoblastic leukemia.

Shawn Hervey-Jumper, MD

- 2019 First-in-human phase I trial of the combination of two adenoviral vectors expressing HSV1-TK and FLT3L for the treatment of newly diagnosed resectable malignant glioma: Initial results from the therapeutic reprogramming of the brain immune system.

Thomas Hope, MD

- 5014 Prospective head-to-head comparative phase 3 study between 18F-fluciclovine and 68Ga-PSMA-11 PET/CT in patients with early biochemical recurrence of prostate cancer.

Gerald Hsu, MD, PhD

- 10506 Integrating concept maps into a medical student oncology curriculum.

Thierry M. Jahan, MD

- e20522 Phase II multicenter study of antroquinonol in patients with stage IV non-small cell lung cancer who have failed at least two lines of anti-cancer therapy

Richard C. Jordan, DDS, PhD

- 6023 NRG-HN003: Phase I and expansion cohort study of adjuvant cisplatin, intensity-modulated radiation therapy (IMRT), and MK-3475 (Pembrolizumab) in high risk head and neck squamous cell carcinoma (HNSCC).
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- 6010 Evolutionary action score of TP53 analysis in pathologically high-risk HPV-negative head and neck cancer from a phase II clinical trial: NRG Oncology RTOG 0234.

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- 4079 Pembrolizumab (pembro) for advanced biliary adenocarcinoma: Results from the KEYNOTE-028 (KN028) and KEYNOTE-158 (KN158) basket studies.
- 4087 Profiling of 3,634 cholangiocarcinomas (CCA) to identify genomic alterations (GA), tumor mutational burden (TMB), and genomic loss of heterozygosity (gLOH).
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Andrew Ko, MD

- Neoadjuvant Therapy or Not in Resectable Pancreatic Ductal Adenocarcinoma

W. Michael Korn, MD

- 3130 Molecular differences between lymph nodes (LNs) and distant metastases (mets) in colorectal cancer (CRC).
- 4085 Frequency of BRCA mutation in biliary tract cancer and its correlation with tumor mutational burden (TMB) and microsatellite instability (MSI).
- e13540 Mutations of H3.3 and H3.1 in a large cohort of glioma tumors

Vadim S. Koshkin, MD

- 4541 Treatment sequencing of anti-PD-1/PD-L1 and carboplatin (carbo)-based chemotherapy (chemo) in cisplatin-ineligible patients (pts) with metastatic urothelial cancer (mUC).
- TPS4594 PrE0807 phase Ib feasibility trial of neoadjuvant nivolumab (N)/lirilumab (L) in cisplatin-ineligible muscle-invasive bladder cancer (BC).

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- 7006 End of phase I results of ZUMA-3, a phase 1/2 study of KTE-X19, anti-CD19 chimeric antigen receptor (CAR) T cell therapy, in adult patients (pts) with relapsed/refractory (R/R) acute lymphoblastic leukemia (ALL).

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- 10008 Prognostic factors for survival after relapsed acute lymphoblastic leukemia (ALL): A Children's Oncology Group (COG) study.

Caroline McCoach, MD, PhD

- 3102 Molecular biology and treatment strategies for non-V600 BRAF-mutant NSCLC.

Pamela Munster, MD

- TPS2666 An open label, multicenter, phase 1b/2 study of rebastinib (DCC-2036) in combination with carboplatin to assess safety, tolerability, and pharmacokinetics in patients with advanced or metastatic solid tumors.
- 6020 Alliance A091404: A phase II study of enzalutamide (NSC# 766085) for patients with androgen receptor-positive salivary cancers.
- 4130 Relacorilant (RELA) with nab-paclitaxel (NP): Safety and activity in patients with pancreatic ductal adenocarcinoma (PDAC) and ovarian cancer (OvCA).
- 11003 Safety and efficacy of tazemetostat, a first-in-class EZH2 inhibitor, in patients (pts) with epithelioid sarcoma (ES) (NCT02601950).
- 1531 The PHACT Study: Population Health and Cancer Testing.
- 9506 Correlates of overall survival (OS) in metastatic uveal melanoma (mUM) and a randomized trial of cabozantinib (cabo) versus chemotherapy (chemo).
- e12003 Pharmacokinetic (PK) characterization of irinotecan liposome injection in patients (pts) with metastatic breast cancer (mBC)

Joel Palefsky, MD

- Cancer Prevention Through Human Papillomavirus Vaccination

Aparna Raj Parikh, MD

- 3563 Aggressiveness of care and overall survival in young metastatic colorectal cancer patients.
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- 4057 A pilot study of neoadjuvant FOLFIRINOX followed by chemoradiation for gastric and gastroesophageal cancer: Preliminary results.

James L. Rubenstein, MD, PhD

- Understanding the Role of Autologous Transplant and Consolidation Strategies: Opinions and Options

Hope S. Rugo, MD

- 510 Immunophenotype and proliferation to predict for response to neoadjuvant chemotherapy in TNBC: Results from BrighTNess phase III study.
- 548 Effect of prophylaxis on neratinib-associated diarrhea and tolerability in patients with HER2+ early-stage breast cancer: Phase II CONTROL trial.
- 558 Glutaminase (GLS) expression in primary breast cancer (BC): Correlations with clinical and tumor characteristics.
- 1021 Biosimilar trastuzumab-dkst monotherapy versus trastuzumab monotherapy after combination therapy: Final overall survival (OS) from the phase III HERITAGE Trial.
- 1038 Alpelisib (ALP) with fulvestrant (FUL) in patients (pts) with PIK3CA-mutated hormone receptor-positive (HR+), human epidermal growth factor receptor-2-negative (HER2-) advanced breast cancer (ABC): Primary or secondary resistance to prior endocrine therapy (ET) in the SOLAR-1 trial.
- 1039 Patient-reported outcomes (PROs) in patients (pts) with PIK3CA-mutated hormone receptor-positive (HR+), human epidermal growth factor receptor-2-negative (HER2-) advanced breast cancer (ABC) from SOLAR-1.
- 1040 Alpelisib (ALP) + endocrine therapy (ET) in patients (pts) with PIK3CA-mutated hormone receptor-positive (HR+), human epidermal growth factor-2-negative (HER2-) advanced breast cancer (ABC): First interim BYLieve study results.
- 1044 Efficacy and safety of talazoparib (TALA) or physician's choice of therapy (PCT) in United States patients (pts) with HER2- germline BRCA1/2-mutated (gBRCAm) locally advanced/metastatic breast cancer (LA/MBC) in the EMBRACA study.
- 1049 Clinical significance of circulating tumor cells (CTCs) in hormone receptor-positive (HR+) metastatic breast cancer (MBC) patients (pts) receiving letrozole (Let) or Let plus bevacizumab (Bev): CALGB 40503 (Alliance).
- 1067 Patient-reported outcomes (PROs) from the phase III IMpassion130 trial of atezolizumab (atezo) plus nabpaclitaxel (nP) in metastatic triple-negative breast cancer (mTNBC).
- 1068 IMpassion130: Expanded safety analysis from a P3 study of atezolizumab (A) + nab-paclitaxel (nP) in patients (pts) with treatment (tx)-naïve, locally advanced or metastatic triple-negative breast cancer (mTNBC).
- 1071 Outcomes of talazoparib (TALA) versus physician's choice of chemotherapy (PCT) in patients (pts) with advanced breast cancer (ABC) and a germline BRCA (gBRCA) mutation by line of chemotherapy (CT) in the EMBRACA trial.
- TPS1103 XENERA-1: A phase II trial of xentuzumab (Xe) in combination with everolimus (Ev) and exemestane (Ex) in patients with hormone receptor-positive (HR+)/human epidermal growth factor receptor 2-negative (HER2-) metastatic breast cancer (mBC) and non-visceral involvement.
- TPS1107 CONTESSA: A multinational, multicenter, randomized, phase III registration study of tesetaxel plus a reduced dose of capecitabine in patients (pts) with HER2-, hormone receptor + (HR+) locally advanced or metastatic breast cancer (LA/MBC) who have previously received a taxane.

- TPS1115** Nimbus: A phase II study of nivolumab plus ipilimumab in metastatic hypermutated HER2-negative breast cancer.
- 1000** SOPHIA primary analysis: A phase 3 (P3) study of margetuximab (M) + chemotherapy (C) versus trastuzumab (T) + C in patients (pts) with HER2+ metastatic (met) breast cancer (MBC) after prior anti-HER2 therapies (Tx).
- 1003** IMpassion130: updated overall survival (OS) from a global, randomized, double-blind, placebo-controlled, Phase III study of atezolizumab (atezo) + nab-paclitaxel (nP) in previously untreated locally advanced or metastatic triple-negative breast cancer (mTNBC).
- e12035** The Neat-HER Virtual Registry: A novel registry following HER2+ ESBC patients receiving neratinib in the extended adjuvant setting

Amit J. Sabnis, MD

- 10009** Phase 1/1B trial to assess the activity of entrectinib in children and adolescents with recurrent or refractory solid tumors including central nervous system (CNS) tumors.

Nina Shah, MD

— To BCMA and Beyond

Eric J. Small, MD

- 5008** Alliance A031201: A phase III trial of enzalutamide (ENZ) versus enzalutamide, abiraterone, and prednisone (ENZ/AAP) for metastatic castration resistant prostate cancer (mCRPC).
- 5021** PSA decline and objective response rates in White (W), Black (B), and Asian men with metastatic castration-resistant prostate cancer (mCRPC).
- 5022** External validation of a prognostic model for overall survival (OS) in men with metastatic castration-resistant prostate cancer (mCRPC).
- 5023** Efficacy of apalutamide (APA) plus ongoing androgen deprivation therapy (ADT) in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC) and baseline (BL) comorbidities (CM).
- 5024** Age-related efficacy and safety of apalutamide (APA) plus ongoing androgen deprivation therapy (ADT) in subgroups of patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC): Post hoc analysis of SPARTAN.
- 5025** Predictors of falls and fractures in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC) treated with apalutamide (APA) plus ongoing androgen deprivation therapy (ADT).
- 5079** CALGB 90203 (Alliance): Radical prostatectomy (RP) with or without neoadjuvant chemohormonal therapy (CHT) in men with clinically localized, high-risk prostate cancer (CLHRPC).

Margaret A. Tempero, MD

- 4000** AFACT: phase III, multicenter, international, open-label, randomized trial of adjuvant nab-paclitaxel plus gemcitabine (nab-P/G) vs gemcitabine (G) for surgically resected pancreatic adenocarcinoma.

Katy K. Tsai, MD

- TPS9604** Phase II single-arm multicenter study of adjuvant ipilimumab in combination with nivolumab in subjects with high-risk ocular melanoma.
- e14157** Prospective cardiac function monitoring in immunotherapy-treated patients

Laura van 't Veer, PhD

- 2631 Quantitative MHC II protein expression levels in tumor epithelium to predict response to the PD1 inhibitor pembrolizumab in the I-SPY 2 Trial.
- 3133 HER family protein expression and activation predicts response to combination T-DM1/pertuzumab in HER2+ patients in the I-SPY 2 TRIAL.

Alan P Venook, MD

- 3035 Associations of insulin-like growth factor binding proteins and adiponectin with disease progression and mortality in metastatic colorectal cancer: Results from CALGB/SWOG 80405 (Alliance).

Louise C. Walter, MD

- 11540 Prognostic factors among older adults with advanced non-small cell lung cancer (NSCLC): A multisite cohort study.

Sunny Wang, MD

- 6577 Disparities in lung cancer outcomes for veterans with comorbid mental disorders.

Chia-Ching Jackie Wang, MD

- 2500 Phase I study of pembrolizumab in people with HIV and cancer.

Lena Winestone, MD

- 10034 Poverty and survival in targeted immunotherapy clinical trials.
- 10037 Impact of low-income public insurance on survival for children and young adults with bone and soft tissue sarcomas.
- e18138 Delays in diagnosis in young patients with leukemia and lymphoma
- e18125 Impact of the Affordable Care Act on insurance for adolescents and young adults with cancer
- e21515 Factors impacting time to diagnosis in pediatric, adolescent and young adult (AYA) patients with solid tumors
- e13532 Factors associated with delays in diagnosis of pediatric, adolescent and young adult patients with central nervous system tumors

Jeffrey L. Wolf, MD

- 8026 Minimal residual disease clinical monitoring and depth of response in multiple myeloma.

Sue S. Yom, MD, PhD

- Optimizing Radiotherapy for Head and Neck Cancers

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- e23171** Utilizing the patient-reported outcomes measurement information system (PROMIS) to assess quality of life among breast cancer patients at an academic center.
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- 1072** A phase Ib trial of the cyclin-dependent kinase inhibitor dinaciclib (dina) in combination with pembrolizumab (P) in patients with advanced triple-negative breast cancer (TNBC).
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- 9501** Efficacy and safety of the combination of nivolumab (NIVO) plus ipilimumab (IPI) in patients with symptomatic melanoma brain metastases (CheckMate 204).
Alain Algazi, MD
- TPS9594** Lenvatinib (len) plus pembrolizumab (pembro) in patients (pts) with advanced melanoma previously exposed to anti-PD-1/PD-L1 agents: Phase 2 LEAP-004 study.
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GASTROINTESTINAL (INCLUDES PANCREATIC CANCER)

- 3572** Factors affecting differential outcomes in the definitive treatment of anal cancer between HIV+ and HIV- patients.
Mekhail Anwar, MD PhD
- 3523** A regulatory program that promotes metastasis in colorectal cancer (CRC) through modulation of mRNA stability.
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- 3022** Exceptional responders to abexinostat (ABX) plus pazopanib (PAZ) in pretreated renal cell carcinoma (RCC) and other solid tumors: Long-term follow-up of a phase 1b study.
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- 6093** Phase 1b/2, open label, multicenter study of intratumoral SD-101 in combination with pembrolizumab in anti-PD-1 treatment naïve patients with recurrent or metastatic head and neck squamous cell carcinoma (HNSCC).
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- 7516** Safety and preliminary efficacy in patients (pts) with relapsed/refractory (R/R) mantle cell lymphoma (MCL) receiving lisocabtagene maraleucel (Liso-cel) in TRANSCEND NHL 001.
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- TPS7064** A phase I/II study of blinatumomab in combination with pembrolizumab for adults with relapsed refractory B-lineage acute lymphoblastic leukemia: University of California Hematologic Malignancies Consortium Study 1504.
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- 102** Association of STK11/LKB1 genomic alterations with lack of benefit from the addition of pembrolizumab to platinum doublet chemotherapy in non-squamous non-small cell lung cancer.
Collin Blakely, MD
- TPS8578** NRG Oncology CC003: A randomized phase II/III trial of prophylactic cranial irradiation with or without hippocampal avoidance for small cell lung cancer.
Shannon Fogh, MD
- LBA9015** Five-year long-term overall survival for patients with advanced NSCLC treated with pembrolizumab: Results from KEYNOTE-001.
Matthew A. Gubens, MD
- TPS9117** Biomarker-directed precision oncology of pembrolizumab-based combination therapy for non-small cell lung cancer: Phase II KEYNOTE-495/KeyImPaCT study.
Matthew A. Gubens, MD

- e20522** `Phase II multicenter study of antroquinonol in patients with stage IV non-small cell lung cancer who have failed at least two lines of anti-cancer therapy
Thierry M. Jahan, MD
- 3102** Molecular biology and treatment strategies for non-V600 BRAF-mutant NSCLC.
Caroline McCoach, MD, PhD
- 11540** Prognostic factors among older adults with advanced non-small cell lung cancer (NSCLC): A multisite cohort study.
Louise C. Walter, MD

NEUROLOGICAL CANCERS

- 2018** Quantitative radiographic analysis of phase II and III trials in recurrent glioblastoma treated with VB-111 with or without bevacizumab or bevacizumab monotherapy.
Nicholas Butowski, MD
- 2039** MDNA55: A locally administered IL4 guided toxin as a targeted treatment for recurrent glioblastoma.
Nicholas Butowski, MD
- 2024** Barriers to accrual and enrollment in brain tumor trials.
Susan Chang, MD
- 2027** Safety and activity of a first-in-class oral HIF2-alpha inhibitor, PT2385, in patients with first recurrent glioblastoma (GBM).
Jennifer L. Clarke, MD, MPH
- 2032** Phase II study to evaluate safety and efficacy of MEDI4736 (durvalumab) + radiotherapy in patients with newly diagnosed unmethylated MGMT glioblastoma (new unmeth GBM).
Jennifer L. Clarke, MD, MPH
- 2056** Molecular genetic, host-derived and clinical determinants of long-term survival in glioblastoma: First results from the ETERNITY study (EORTC 1419).
Jennifer L. Clarke, MD, MPH
- 2003** A phase I, open label, perioperative study of AG-120 and AG-881 in recurrent IDH1 mutant, low-grade glioma: Results from cohort 1.
Jennifer L. Clarke, MD, MPH
- 2019** First-in-human phase I trial of the combination of two adenoviral vectors expressing HSV1-TK and FLT3L for the treatment of newly diagnosed resectable malignant glioma: Initial results from the therapeutic reprogramming of the brain immune system.
Shawn Hervey-Jumper, MD

PROSTATE CANCERS

- 5051** Clinical and genomic hallmarks of low PSA secretors in metastatic castration-resistant prostate cancer (mCRPC).
Rahul Aggarwal, MD
- 5012** Diagnostic performance of 18F-DCFPyL in the OSPREY Trial: A prospective phase 2/3 multicenter study of 18F-DCFPyL PET/CT imaging in patients (Pts) with known or suspected metastatic prostate cancer (mPC).
Peter Carroll, MD, MPH
- TPS5093** A phase III, multicenter study to assess the diagnostic performance and clinical impact of 18F-DCFPyL PET/CT in men with suspected recurrence of prostate cancer (CONDOR).
Peter Carroll, MD, MPH
- 5035** Overall survival (OS) of African-American (AA) and Caucasian (CAU) men who received sipuleucel-T for metastatic castration-resistant prostate cancer (mCRPC): Final PROCEED analysis.
Matthew R. Cooperberg, MD, MPH
- 5055** Complex biologic heterogeneity of de novo hormone naïve metastatic prostate cancer (HNPc): Comparison of early progressors and prolonged responders to initial systemic treatment.
Matthew R. Cooperberg, MD, MPH
- 5037** Randomized phase II trial of a DNA vaccine encoding prostatic acid phosphatase (pTVG-HP) versus GM-CSF adjuvant in patients with PSA-recurrent prostate cancer.
Lawrence Fong, MD
- e16519** Evaluation of monovalent versus biparatopic CD3xPSMA bispecific antibodies for t-cell mediated killing of prostate tumor cells with minimal cytokine release
Lawrence Fong, MD
- e16509** Safety and preliminary immunogenicity of JNJ-64041809, a live attenuated, double-deleted Listeria monocytogenes-based immunotherapy, in metastatic castration-resistant prostate cancer (mCRPC)
Lawrence Fong, MD
- 5014** Prospective head-to-head comparative phase 3 study between 18F-fluciclovine and 68Ga-PSMA-11 PET/CT in patients with early biochemical recurrence of prostate cancer.
Thomas Hope, MD
- 5008** Alliance A031201: A phase III trial of enzalutamide (ENZ) versus enzalutamide, abiraterone, and prednisone (ENZ/AAP) for metastatic castration resistant prostate cancer (mCRPC).
Eric J. Small, MD
- 5021** PSA decline and objective response rates in White (W), Black (B), and Asian men with metastatic castration-resistant prostate cancer (mCRPC).
Eric J. Small, MD
- 5022** External validation of a prognostic model for overall survival (OS) in men with metastatic castration-resistant prostate cancer (mCRPC).
Eric J. Small, MD

- 5023** Efficacy of apalutamide (APA) plus ongoing androgen deprivation therapy (ADT) in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC) and baseline (BL) comorbidities (CM).
Eric J. Small, MD
- 5024** Age-related efficacy and safety of apalutamide (APA) plus ongoing androgen deprivation therapy (ADT) in subgroups of patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC): Post hoc analysis of SPARTAN.
Eric J. Small, MD
- 5025** Predictors of falls and fractures in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC) treated with apalutamide (APA) plus ongoing androgen deprivation therapy (ADT).
Eric J. Small, MD
- 5079** CALGB 90203 (Alliance): Radical prostatectomy (RP) with or without neoadjuvant chemohormonal therapy (CHT) in men with clinically localized, high-risk prostate cancer (CLHRPC).
Eric J. Small, MD

SOLID TUMORS

- 4005** Prospective randomized phase II trial of pazopanib versus placebo in patients with progressive carcinoid tumors (CARC)(Alliance A021202).
Emily Bergsland, MD
- 5513** Adavosertib with chemotherapy (CT) in patients (pts) with platinum-resistant ovarian cancer (PPROC): An open label, four-arm, phase II study.
Lee-may Chen, MD
- TPS5091** IMPACT: Immunotherapy in patients with metastatic cancers and CDK12 mutations.
Felix Y Feng, MD
- TPS2666** An open label, multicenter, phase 1b/2 study of rebastinib (DCC-2036) in combination with carboplatin to assess safety, tolerability, and pharmacokinetics in patients with advanced or metastatic solid tumors.
Pamela Munster, MD
- 6020** Alliance A091404: A phase II study of enzalutamide (NSC# 766085) for patients with androgen receptor-positive salivary cancers.
Pamela Munster, MD
- 4130** Relacorilant (RELA) with nab-paclitaxel (NP): Safety and activity in patients with pancreatic ductal adenocarcinoma (PDAC) and ovarian cancer (OvCA).
Pamela Munster, MD
- 11003** Safety and efficacy of tazemetostat, a first-in-class EZH2 inhibitor, in patients (pts) with epithelioid sarcoma (ES) (NCT02601950).
Pamela Munster, MD

- 10009** Phase 1/1B trial to assess the activity of entrectinib in children and adolescents with recurrent or refractory solid tumors including central nervous system (CNS) tumors.
Amit J. Sabnis, MD
- 2500** Phase I study of pembrolizumab in people with HIV and cancer.
Chia-Ching Jackie Wang, MD

BIOMARKERS

- 3058** Changes in DNA hydroxymethylation for the detection of multiple cancers in plasma cell-free DNA.
Alan Ashworth, PhD, FRS
- 2023** DGM1 may serve as a novel genetic biomarker of response to enzastaurin in glioblastoma.
Nicholas Butowski, MD
- 2586** Genetic determinants of adverse events in cancer patients receiving immune checkpoint inhibitors.
Lindsey Criswell, MD, MPH
- 7531** Assessing the potential of immunotherapy in treating chronic lymphocytic leukemia through meta-analysis.
Dexter Hadley, Md, PhD
- e13048** Meta-analysis utilizing public data suggests role of innate immunity in the pathogenesis of hurthle cell carcinoma (HCC)
Dexter Hadley, Md, PhD
- 3130** Molecular differences between lymph nodes (LNs) and distant metastases (mets) in colorectal cancer (CRC).
W. Michael Korn, MD
- 4085** Frequency of BRCA mutation in biliary tract cancer and its correlation with tumor mutational burden (TMB) and microsatellite instability (MSI).
W. Michael Korn, MD
- e13540** Mutations of H3.3 and H3.1 in a large cohort of glioma tumors
W. Michael Korn, MD

OTHER

- 10500** Feasibility of implementing a resident oncology video curriculum.
Jennifer Babik, MD, PhD
- e23164** Bridging the information gap: A scoping review of radiation oncology patient education scholarship
Steve Braunstein, MD

- e18091** Assessing real-world outcomes in precision oncology by linking clinical genomic testing to electronic medical records
Atul Butte, MD, PhD
- 10050** Male fertility preservation (FP) at pediatric cancer centers:
A report from the Children's Oncology Group (COG).
Christopher C. Dvorak, MD
- 11567** Female fertility preservation (FP) at pediatric cancer centers:
A report from the Children's Oncology Group (COG).
Christopher C. Dvorak, MD
- 10506** Integrating concept maps into a medical student oncology curriculum.
Gerald Hsu, MD, PhD
- 1531** The PHACT Study: Population Health and Cancer Testing.
Pamela Munster, MD
- e14157** Prospective cardiac function monitoring in immunotherapy-treated patients
Katy K. Tsai, MD
- 6577** Disparities in lung cancer outcomes for veterans with comorbid mental disorders.
Sunny Wang, MD
- 10034** Poverty and survival in targeted immunotherapy clinical trials.
Lena Winestone, MD
- 10037** Impact of low-income public insurance on survival for children and young adults with bone and soft tissue sarcomas.
Lena Winestone, MD
- e18138** Delays in diagnosis in young patients with leukemia and lymphoma
Lena Winestone, MD
- e18125** Impact of the Affordable Care Act on insurance for adolescents and young adults with cancer
Lena Winestone, MD
- e21515** Factors impacting time to diagnosis in pediatric, adolescent and young adult (AYA) patients with solid tumors
Lena Winestone, MD
- e13532** Factors associated with delays in diagnosis of pediatric, adolescent and young adult patients with central nervous system tumors
Lena Winestone, MD



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