



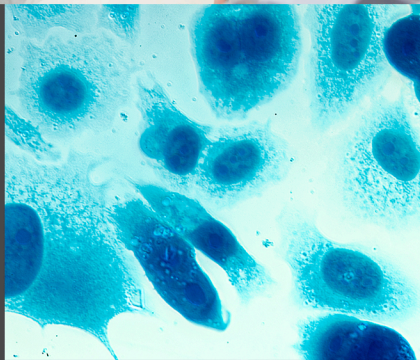
American Society of Clinical Oncology Annual Meeting

May 29 - 31, 2020

Virtual Meeting

UCSF Presentation Brochure

UCSF HELEN DILLER FAMILY
COMPREHENSIVE CANCER CENTER



UCSF Helen Diller Family
Comprehensive
Cancer Center



Alan Ashworth, PhD, FRS

President,
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Family Comprehensive
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Senior Vice President
for Cancer Services,
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Division of
Hematology/Oncology,
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I want to first acknowledge that these past three months have been extraordinarily difficult. We have all been touched by this pandemic in one way or another, some of us more than others. At the Cancer Center, we had to put much of our groundbreaking research on hold and postpone non-essential treatments and procedures for many of our patients. Yet, despite these necessary steps, work at the Cancer Center and the greater UCSF community continued. It simply pivoted to address the most critical needs of our patients during this time, and to focus our scientific talents on addressing the pandemic.

UCSF has been at the forefront of the COVID-19 epidemic with multipronged efforts to care for patients, prevent disease spread, improve testing and contact tracing, identify potential therapies, and support vaccine development efforts. Among our efforts:

- Nevan Krogan and Kevan Shokat led a team of 125 scientists that within 2 months identified 66 druggable human proteins or host factors that could be targeted by 69 compounds that are already available (29 FDA-approved drugs, 12 drugs in clinical trials, and 28 preclinical compounds).
- Joe Derisi, with the help of 200 volunteers, mostly UCSF graduate students, converted a vacant UCSF lab space to a fully functioning, clinically certified COVID-19 testing lab in only eight days and is now providing free lab results.
- Diane Havlir carried out some of the earliest work demonstrating that Latinx and low-income workers were being disproportionately affected by the pandemic. The results have led elected officials to call for changes in San Francisco's response to the coronavirus.
- Max Krummel is working with a team of infectious disease clinicians to collect blood samples from COVID patients to identify the immunological changes associated with disease progression.
- Scores of our health care professionals volunteered for a month in New York City and in the Navajo Nation helping those communities battle the epidemic.
- And within our extended community, our pharma partners quickly responded to our request for sorely needed donated supplies and PPE as we prepared for the surge. We are extremely grateful for their responsiveness and generosity.

With the surge hopefully behind us, we are slowly and carefully reopening the Cancer Center research labs and clinical practices. We are eager to get back to the cancer work we are passionate about. Some of that research was presented at the virtual ASCO meeting from May 29 – 31, 2020 and is showcased in this searchable abstract book of UCSF research. I invite you to learn more about our faculty's work. ASCO is leaving up the presentation videos for 180 days.

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).

Stay Well,

Alan Ashworth, PhD, FRS



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



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

PRESENTATIONS



Presented by UCSF

UCSF authors listed in bold

BREAST CANCERS

ORAL SESSIONS



Alpelisib (ALP) + fulvestrant (FUL) in patients (pts) with PIK3CA-mutated (mut) hormone receptor-positive (HR+), human epidermal growth factor receptor 2-negative (HER2-) advanced breast cancer (ABC) previously treated with cyclin-dependent kinase 4/6 inhibitor (CDKi) + aromatase inhibitor (AI): BYLieve study results.

Authors: **Hope S. Rugo**, Florence Lerebours, Eva Ciruelos, Pamela Drullinsky, Manuel Ruiz Borrego, Patrick Neven, Yeon Hee Park, Aleix Prat, Thomas Bachelot, Dejan Juric, Nicholas C. Turner, Nickolas Sophos, Juan Pablo Zarate, Christina Arce, Yu-Ming Shen, Stephen K. L. Chia

Abstract #: 1006

Abstract link: <https://meetinglibrary.asco.org/record/186927/abstract>

Session Type: Oral Abstract

MINDACT: Long-term results of the large prospective trial testing the 70-gene signature MammaPrint as guidance for adjuvant chemotherapy in breast cancer patients.

Authors: Fatima Cardoso, **Laura van 't Veer**, Coralie Poncet, Josephine Lopes Cardozo, Suzette Delaloge, Jean-Yves Pierga, Peter Vuylsteke, Etienne Brain, Giuseppe Viale, Sherko Kuemmel, Isabel T. Rubio, Gabriele Zoppoli, Alastair Mark Thompson, Erika Matos, Khalil Zaman, Florentine Hilbers, Aleksandra Dudek-Perić, Bart Meulemans, Martine J. Piccart-Gebhart, Emiel J. Rutgers

Abstract #: 506

Abstract link: <https://meetinglibrary.asco.org/record/184901/abstract>

Session Type: Oral Abstract

KEYNOTE-355: Randomized, double-blind, phase III study of pembrolizumab + chemotherapy versus placebo + chemotherapy for previously untreated locally recurrent inoperable or metastatic triple-negative breast cancer.

Authors: Javier Cortes, David W. Cescon, **Hope S. Rugo**, Zbigniew Nowecki, Seock-Ah Im, Mastura Md Yusof, Carlos Gallardo, Oleg Lipatov, Carlos Henrique Barrios, Esther Holgado, Hiroji Iwata, Norikazu Masuda, Marco Torregroza Otero, Erhan Gokmen, Sherene Loi, Zifang Guo, Jing Zhao, Gursel Aktan, Vassiliki Karantza, Peter Schmid

Abstract #: 1000

Abstract link: <https://meetinglibrary.asco.org/record/184800/abstract>

Session Type: Oral Abstract

TBCRC 048: A phase II study of olaparib monotherapy in metastatic breast cancer patients with germline or somatic mutations in DNA damage response (DDR) pathway genes (Olaparib Expanded).

Authors: Nadine M. Tung, Mark E. Robson, Steffen Ventz, Cesar Augusto Santa-Maria, Paul Kelly Marcom, Rita Nanda, Payal D Shah, Tarah Jean Ballinger, Eddy Shih-Hsin Yang, **Michelle E. Melisko**, Adam Brufsky, Shaveta Vinayak, Michelle Demeo, Colby Jenkins, Susan M. Domchek, Gerburg M. Wulf, Ian E. Krop, Antonio C. Wolff, Eric P. Winer, Judy Ellen Garber, Translational Breast Cancer Research Consortium

Abstract #: 1002

Abstract link: <https://meetinglibrary.asco.org/record/185171/abstract>

Session Type: Oral Abstract

Tucatinib versus placebo added to trastuzumab and capecitabine for patients with previously treated HER2+ metastatic breast cancer with brain metastases (HER2CLIMB).

Authors: Nancy U. Lin, Rashmi Krishna Murthy, Carey K. Anders, Virginia F. Borges, Sara A. Hurvitz, Sherene Loi, Vandana G Abramson, Philippe L. Bedard, Mafalda Oliveira, Amelia Bruce Zelnak, Michael DiGiovanna, Thomas Bachelot, **Amy Jo Chien**, Ruth O'Regan, Andrew M. Wardley, Volkmar Müller, Lisa A. Carey, Suzanne M. McGoldrick, Grace An, Eric P. Winer

Abstract #: 1005

Abstract link: <https://meetinglibrary.asco.org/record/185141/abstract>

Session Type: Oral Abstract

POSTER SESSIONS

- ★ **A phase Ib study of abemaciclib in combination with pembrolizumab for patients with hormone receptor positive (HR+), human epidermal growth factor receptor 2 negative (HER2-) locally advanced or metastatic breast cancer (MBC) (NCT02779751): Interim results.**

Authors: Hope S. Rugo, Peter Kabos, Joseph Thaddeus Beck, Michael Jon Chisamore, Anwar Hossain, Yanyun Chen, Sara M. Tolaney

Abstract #: 1051

Abstract link: <https://meetinglibrary.asco.org/record/185159/abstract>

Session Type: Poster

- ★ **Pazopanib (PZ) plus endocrine therapy as treatment for hormone resistant advanced breast cancer (ABC).**

Authors: Ozge Gumusay, Melanie Catherine Majure, Travis Deal, Jonathan R. Renslo, Chiara A. Wabl, Michelle E. Melisko, Amy Jo Chien, Andrei Goga, Mark Moasser, John Park, Jimmy Hwang, Hope S. Rugo

Abstract #: 1068

Abstract link: <https://meetinglibrary.asco.org/record/185180/abstract>

Session Type: Poster

- ★ **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) and response correlation with MYC-overexpression.**

Authors: Amy Jo Chien, Amelia S Gliwa, Siti Rahmaputri, Heidi F Dittrich, Melanie Catherine Majure, Hope S. Rugo, Michelle E. Melisko, Pamela N. Munster, John W. Park, Mark M. Moasser, Mehrdad Matloubian, Tasha Lea, Julia Rohrberg, Gregor Krings, Andrei Goga

Abstract #: 1076

Abstract link: <https://meetinglibrary.asco.org/record/185238/abstract>

Session Type: Poster

★ **KEYLYNK-009: A phase II/III, open-label, randomized study of pembrolizumab (pembro) plus olaparib vs pembro plus chemotherapy after induction with first-line pembro plus chemotherapy in patients with locally recurrent inoperable or metastatic triple-negative breast cancer (TNBC).**

Authors: Hope S. Rugo, Antonio Llombart-Cussac, Fabrice Andre, Mark E. Robson, Shigehira Saji, Nadia Harbeck, Peter Schmid, David W. Cescon, Jin Seok Ahn, Rita Nanda, Aditya Bardia, Li Fan, Jaime Alberto Mejia, Vassiliki Karantza

Abstract #: TPS596

Abstract link: <https://meetinglibrary.asco.org/record/191763/abstract>

Session Type: Poster

★ **Phase III, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of adagloxad simolenin (OBI-822) and OBI-821 treatment in patients with early-stage triple-negative breast cancer (TNBC) at high risk for recurrence.**

Authors: Hope S. Rugo, Louis W. C. Chow, Javier Cortes, Peter A. Fasching, Pei Hsu, Chiun-Sheng Huang, Sung-Bae Kim, Yen-Shen Lu, **Michelle E. Melisko**, Rita Nanda, Priyanka Sharma, Richard B. Schwab, Binghe Xu

Abstract #: TPS599

Abstract link: <https://meetinglibrary.asco.org/record/191690/abstract>

Session Type: Poster

SOPHIA analysis by chemotherapy (Ctx) choice: A phase III (P3) study of margetuximab (M) + Ctx versus trastuzumab (T) + Ctx in patients (pts) with pretreated HER2+ metastatic (met) breast cancer (MBC).

Authors: Santiago Escrivá, Seock-Ah Im, Fatima Cardoso, Javier Cortes, Giuseppe Curigliano, William John Gradishar, Mark D. Pegram, Gail Lynn Shaw Wright, Christelle Levy, Michelino De Laurentiis, Jean-Marc Ferrero, Shakeela Wazeen Bahadur, Sung-Bae Kim, Katarína Petránková, David A. Riseberg, Denise A. Yardley, Sutton Edlich, Sam Hong, Edwin P. Rock, **Hope S. Rugo**

Abstract #: 1040

Abstract link: <https://meetinglibrary.asco.org/record/185206/abstract>

Session Type: Poster

Biomarker analysis from a phase I study using gedatolisib+palbociclib+hormone therapy in ER+/HER2- metastatic breast cancer (mBC).

Authors: Robert Wesolowski, Nuzhat Pathan, Zhou Zhu, Erica Michelle Stringer-Reasor, Hyo S. Han, Elizabeth Claire Dees, Aditya Bardia, Rachel M. Layman, Amy Weise, Peter Kabos, Janice M. Lu, Kenneth Alan Kern, Kristen J. Pierce, **Hope S. Rugo**

Abstract #: 1052

Abstract link: <https://meetinglibrary.asco.org/record/185237/abstract>

Session Type: Poster

PIK3CA mutation status and progression-free survival in advanced hormone receptor positive (HR+)/ human endocrine receptor negative (HER2-) metastatic breast cancer (mBC): A meta-analysis of published clinical trials.

Authors: James Signorovitch, Fabrice Andre, Ruchuan Wang, Ines Lorenzo, Antonia Ridolfi, Jinhee Park, Mirko Fillbrunn, Akanksha Dua, **Hope S. Rugo**

Abstract #: 1069

Abstract link: <https://meetinglibrary.asco.org/record/185219/abstract>

Session Type: Poster

Trastuzumab deruxtecan (T-DXd; DS-8201) in combination with pembrolizumab in patients with advanced/metastatic breast or non-small cell lung cancer (NSCLC): A phase Ib, multicenter, study.

Authors: Hossein Borghaei, Benjamin Besse, Aditya Bardia, Julien Mazieres, Sanjay Popat, Bincy Augustine, Anthony Michael D'amelio, Daniel Barrios, **Hope S. Rugo**

Abstract #: TPS1100

Abstract link: <https://meetinglibrary.asco.org/record/191909/abstract>

Session Type: Poster

Immunotherapy and chemotherapy combination for chest wall disease: TBCRC 044 trial.

Authors: Neelima Vidula, Rita Nanda, Kathy Miller, Paula Raffin Pohlmann, Vandana G Abramson, Leisha A. Emens, Ben Ho Park, Minetta C. Liu, **Andrei Goga, Hope S. Rugo**

Abstract #: TPS1114

Abstract link: <https://meetinglibrary.asco.org/record/191708/abstract>

Session Type: Poster

Tumor-infiltrating lymphocytes in ipsilateral breast tumor recurrences predict prognosis.

Authors: Axel Stenmark Tullberg, Emma Nimeus-Malmström, Fredrika Killander, Martin Sjöström, Henri A.J. Puttonen, **Felix Y Feng**, Aniko Kovacs, Dan Lundstedt, Erik Holmberg, Per Karlsson

Abstract #: 546

Abstract link: <https://meetinglibrary.asco.org/record/190851/abstract>

Session Type: Poster

Four-year follow-up of a phase III study comparing SB3 (trastuzumab biosimilar) and reference trastuzumab in HER2-positive early or locally advanced breast cancer in neoadjuvant setting.

Authors: Xavier Pivot, Mark D. Pegram, Javier Cortes, Diana Lüftner, **Hope S. Rugo**, Gary H. Lyman, Giuseppe Curigliano, Igor Bondarenko, Mikhail Dvorkin, Ye Chan Yoon, Younsoo Kim, Chul Kim

Abstract #: 578

Abstract link: <https://meetinglibrary.asco.org/record/190451/abstract>

Session Type: Poster

Exploring impact of mutations in non-BRCA DNA damage response (DDR) and non-DDR genes on efficacy in phase III EMBRACA study of talazoparib (TALA) in patients (pts) with germline BRCA1/2 mutated (gBRCAm) HER2-negative (HER2-) advanced breast cancer (ABC).

Authors: Jennifer Keating Litton, Douglas Laird, **Hope S. Rugo**, Johannes Ettl, Sara A. Hurvitz, Miguel Martin, Henri Roche, Young-Hyuck Im, Annabel Goodwin, Joanne Lorraine Blum, Wolfgang Eiermann, Ying Chen, Silvana Lanzalone, Jijumon Chelliserry, Akos Czibere, Lee A. Albacker, Garrett M. Frampton, Lida A. Mina

Abstract #: 1018

Abstract link: <https://meetinglibrary.asco.org/record/185232/abstract>

Session Type: Poster

Preliminary efficacy data of triple-negative breast cancer cohort of NCI 9881 study: A phase II study of cediranib in combination with olaparib in advanced solid tumors.

Authors: Navid Hafez, Hatem Hussein Soliman, Siqing Fu, Karen A. Gelmon, Albiruni Ryan Abdul Razak, **Pamela N. Munster**, Ulka N. Vaishampayan, Shumei Kato, Primo Lara, Elizabeth M. Swisher, Andrew B. Nixon, Abhijit Patel, Yu Shyr, S. Percy Ivy, Patricia LoRusso, Joseph W. Kim

Abstract #: 1077

Abstract link: <https://meetinglibrary.asco.org/record/185174/abstract>

Session Type: Poster

SGNLVA-001: A phase I open-label dose escalation and expansion study of SGN-LIV1A administered weekly in breast cancer.

Authors: Heather Christine Beckwith, Diana Cristina Medgyesy, Jame Abraham, Rita Nanda, Katherine H. R. Tkaczuk, Ian E. Krop, Lajos Pusztai, Shanu Modi, Monica M. Mita, Jennifer M. Specht, Sara A. Hurvitz, Hyo S. Han, Kevin Kalinsky, Sharon Wilks, Joyce O'Shaughnessy, Lowell L. Hart, **Hope S. Rugo**, Zahi Ibrahim Mitri, Phillip M. Garfin, Howard A. Burris III

Abstract #: TPS1104

Abstract link: <https://meetinglibrary.asco.org/record/191857/abstract>

Session Type: Poster

CONTESSA TRIO: A multinational, multicenter, phase (P) II study of tesetaxel (T) plus three different PD-(L)1 inhibitors in patients (Pts) with metastatic triple-negative breast cancer (TNBC) and tesetaxel monotherapy in elderly pts with HER2-metastatic breast cancer (MBC).

Authors: Sara M. Tolaney, Igor Bondarenko, Arlene Chan, Noshir A. Dacosta, Yann Izarzugaza, Gun Min Kim, Mei-Ching Liu, Maria EVA Perez, Yen-Shen Lu, Mafalda Oliveira, Samuel Guan Wei Ow, Michel Pavic, **Hope S. Rugo**, Lee S. Schwartzberg, Agostina Stradella, Tira Jing Ying Tan, Vance Wright-Browne, Joseph P. O'Connell, Thomas Wei, Elizabeth A. Mittendorf

Abstract #: TPS1111

Abstract link: <https://meetinglibrary.asco.org/record/191677/abstract>

Session Type: Poster

Phase II trial of a PARP inhibitor in somatic BRCA mutant metastatic breast cancer.

Authors: Neelima Vidula, Nora K. Horick, Erica Blouch, Amalia Rivera, Erin Basile, Ruth Fax, Leif W. Ellisen, **Hope S. Rugo**, Aditya Bardia

Abstract #: TPS1113

Abstract link: <https://meetinglibrary.asco.org/record/191731/abstract>

Session Type: Poster

Accuracy of sentinel lymph node biopsy in invasive lobular carcinoma of the breast.

Authors: Ruby Guo, Case E. Brabham, Kelly Fahrner-Scott, Mary Kathryn Abel, Jasmine Wong, Michael Alvarado, Laura Esserman, Cheryl Ann Ewing, Rita A. Mukhtar

Abstract #: e12604

Abstract link: <https://meetinglibrary.asco.org/record/191004/abstract>

Session Type:

A phase Ib/II study of eribulin with cyclophosphamide (EC) in patients (pts) with advanced breast cancer (ABC).

Authors: **Ozge Gumusay**, Jonathan R. Renslo, Chiara A. Wabl, **Amy Jo Chien**, **Michelle E. Melisko**, **Melanie Catherine Majure**, Siti D. Rahmaputri, **Mark Moasser**, **John Park**, **Hope S. Rugo**

Abstract #: e13079

Abstract link: <https://meetinglibrary.asco.org/record/189122/abstract>

Session Type:

CUTANEOUS CANCERS

ORAL SESSIONS

- ★ **Association of prior immune checkpoint blockade (ICB) with longer progression-free survival (PFS) in patients treated with intermittent versus continuous dabrafenib and trametinib: A post-hoc analysis of S1320.**

Authors: Alain Patrick Algazi, Megan Othus, Adil Daud, Janice M. Mehnert, Thach-Giao Truong, Robert Martin Conry, Kari Lynn Kendra, Gary C. Doolittle, Joseph I Clark, Michael J. Messino, Dennis Frederic Moore, Christopher D. Lao, Bryan A. Faller, Rangaswamy Govindarajan, Amy K. Harker-Murray, Luke P. Dreisbach, James Moon, Kenneth F. Grossmann, Roger Lo, Antoni Ribas

Abstract #: 10039

Abstract link: <https://meetinglibrary.asco.org/record/187016/abstract>

Session Type: Poster

- ★ **Clinical outcomes in patients with BRAFV600 mutant melanoma and undetectable circulating tumor DNA treated with dabrafenib and trametinib.**

Authors: Alain Patrick Algazi, Megan Othus, Benjamin Newell Voorhies, Kari Lynn Kendra, Shaker R. Dakhil, Amy K. Harker-Murray, Christopher D. Lao, Bartosz Chmielowski, Roger Lo, Kenneth F. Grossmann, Antoni Ribas

Abstract #: 10059

Abstract link: <https://meetinglibrary.asco.org/record/187012/abstract>

Session Type: Poster

POSTER SESIONS

- Phase II single-arm multi-center 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 #: TPS10089

Abstract link: <https://meetinglibrary.asco.org/record/191820/abstract>

Session Type: Poster

Long-term survival from pembrolizumab (pembro) completion and pembro retreatment: Phase III KEYNOTE-006 in advanced melanoma.

Authors: Georgina V. Long, Jacob Schachter, Ana Arance, Jean-Jacques Grob, Laurent Mortier, **Adil Daud**, Matteo S. Carlino, Antoni Ribas, Catriona M. McNeil, Michal Lotem, James M. G. Larkin, Paul Lorigan, Bart Neyns, Christian U. Blank, Teresa M. Petrella, Omid Hamid, Erin Jensen, Clemens Krepler, Scott J. Diede, Caroline Robert

Abstract #: 10013

Abstract link: <https://meetinglibrary.asco.org/record/185738/abstract>

Session Type: Poster Discussion

Prospective investigation of immunotherapy-induced fatigue by rest and stress echocardiography.

Authors: Roman Zingarelli, Mandar A Aras, Dwight Bibby, Qizhi Fang, Adil Daud, Nelson B Schiller, Katy K. Tsai

Abstract #: e24060

Abstract link: <https://meetinglibrary.asco.org/record/189835/abstract>

Session Type:

GASTROINTESTINAL CANCERS ***INCLUDES PANCREATIC**

ORAL SESSIONS

Celecoxib in addition to standard adjuvant therapy with 5-fluorouracil, leucovorin, oxaliplatin (FOLFOX) in stage III colon cancer: Results from CALGB/SWOG 80702.

Authors: Kumthekar, Katherine A Guthrie, Felix Couture, J. Phillip Kuebler, Johanna C. Bendell, Pankaj Kumar, DeQuincy Andrew Lewis, Benjamin R. Tan, Monica M. Bertagnolli, Axel Grothey, Howard S. Hochster, Richard M. Goldberg, **Alan P. Venook**, Charles David Blanke, Anthony Frank Shields

Abstract #: 4003

Abstract link: <https://meetinglibrary.asco.org/record/185476/abstract>

Session Type: Oral Abstract

POSTER SESSIONS

★ **Phase Ib/II open-label, randomized evaluation of 2L atezolizumab (atezo) + PEGPH20 versus control in MORPHEUS-pancreatic ductal adenocarcinoma (M-PDAC) and MORPHEUS-gastric cancer (M-GC).**

Authors: Andrew H. Ko, Jeeyun Lee, MARIA ALSINA, Jaffer A. Ajani, Yung-Jue Bang, Hyun Cheol Chung, Jill Lacy, Charles D. Lopez, Do-Youn Oh, Eileen Mary O'Reilly, Jens T Siveke, Simon Allen, Nedal Jaffer Abdulla Al-Sakaff, Hila Barak, Janet Lau, Shi Li, Anne-Cecile Retiere, Colby Shemesh, Xiaosong Zhang, Kyu-Pyo Kim

Abstract #: 4540

Abstract link: <https://meetinglibrary.asco.org/record/186279/abstract>

Session Type: Poster

★ **The increasing incidence of colorectal cancer in younger patients in the United States: Who, what, when, and where?**

Authors: Mary Kathryn Abel, Cheng-I Liao, **Katherine Van Loon**, Chunqiao Tian, Kathleen M. Darcy, Amandeep Kaur Mann, Daniel Stuart Kapp, John K. Chan

Abstract #: 1573

Abstract link: <https://meetinglibrary.asco.org/record/188877/abstract>

Session Type: Poster

Concordance between independent and investigator assessment of disease-free survival (DFS) in the APACT trial.

Authors: Michele Reni, Hanno Riess, Eileen Mary O'Reilly, James Andrew Reeves, Elena Chiorean, Thomas J. George, Werner Scheithauer, Artru Pascal, Markus Lerch, Warren S. Brenner, Yoo-Joung Ko, Josep Tabernero, Eric Van Cutsem, Philip Agop Philip, David Goldstein, Jordan Berlin, Andrew Biankin, **Margaret A. Tempero**

Abstract #: 4618

Abstract link: <https://meetinglibrary.asco.org/record/191609/abstract>

Session Type: Poster

Sex differences in efficacy and toxicity of first-line treatment of metastatic colorectal cancer (CRC): An analysis of 18,399 patients in the ARCAD database.

Authors: Anna Dorothea Wagner, Manel Rakez, Benoist Chibaudel, Richard Adams, John Raymond Zalcborg, Leonard B. Saltz, **Alan P. Venook**, Hans-Joachim Schmoll, Jean-Yves Douillard, Christophe Tournigand, Volker Heinemann, Richard M. Goldberg, J. Randolph Hecht, Chiara Cremolini, Eduardo Diaz-Rubio, Axel Grothey, Qian Shi, Aimery De Gramont

Abstract #: 4029

Abstract link: <https://meetinglibrary.asco.org/record/188233/abstract>

Session Type: Poster

Predictive and prognostic value of HER2 gene expression and HER2 amplification in patients with metastatic colorectal cancer (mCRC) enrolled in CALGB/SWOG 80405 (Alliance).

Authors: Francesca Battaglin, Fang-Shu Ou, Xueping Qu, Monica M. Bertagnolli, Howard S. Hochster, Donna Niedzwiecki, Richard M. Goldberg, Robert J. Mayer, Tyler J. Zemla, Charles David Blanke, **Alan P. Venook**, Omar Kabbarah, Heinz-Josef Lenz, Federico Innocenti

Abstract #: 4086

Abstract link: <https://meetinglibrary.asco.org/record/187960/abstract>

Session Type: Poster

CodeBreak 100: Activity of AMG 510, a novel small molecule inhibitor of KRASG12C, in patients with advanced colorectal cancer.

Authors: Marwan Fakih, Jayesh Desai, Yasutoshi Kuboki, John H. Strickler, Timothy Jay Price, Greg Andrew Durm, Gerald Steven Falchook, Crystal S. Denlinger, John C. Krauss, Geoffrey Shapiro, Tae Won Kim, Keunchil Park, Andrew L. Coveler, **Pamela N. Munster**, Bob T. Li, June Kim, Haby Adel Henary, Gataree Ngarmchamnanrith, David S. Hong

Abstract #: 4018

Abstract link: <https://meetinglibrary.asco.org/record/185490/abstract>

Session Type: Poster Discussion

Phase III APACT trial of adjuvant nab-paclitaxel plus gemcitabine (nab-P + Gem) versus gemcitabine (Gem) alone for patients with resected pancreatic cancer (PC): Outcomes by geographic region.

Authors: Michele Reni, Hanno Riess, Eileen Mary O'Reilly, Joon Oh Park, Hassan Hatoum, Berta Laquente Saez, Tapio Salminen, Helmut Oettle, Rafael Lopez, Scot D. Dowden, Meinolf Karthaus, Josep Tabernero, Eric Van Cutsem, Philip Agop Philip, David Goldstein, Jordan Berlin, **Margaret A. Tempero**

Abstract #: 4515

Abstract link: <https://meetinglibrary.asco.org/record/191608/abstract>

Session Type: Poster Discussion

Rural and urban disparities based on zip code of residence: Analyses of 834 and 2,159 patients in NCCTG N9741 and CALGB 80405 (Alliance) trials respectively.

Authors: Midhun Malla, Lucas J. Huebner, **Sorbarikor Piawah**, Heinz-Josef Lenz, Charles David Blanke, Jeffrey A. Meyerhardt, Eileen Mary O'Reilly, Qian Shi, **Alan P. Venook**, Richard M. Goldberg

Abstract #: e16076

Abstract link: <https://meetinglibrary.asco.org/record/189593/abstract>

Session Type:

Variability in multimodality treatment influences survival in non-metastatic gastric cancer patients.

Authors: Tuyen Hoang, Farshid Dayyani, Ariceli Alfaro, Jasmine Huynh, Jingran Ji, **Andrew H. Ko**, May Thet Cho, Darryl Hiyama

Abstract #: e16588

Abstract link: <https://meetinglibrary.asco.org/record/186211/abstract>

Session Type:

Phase I, first-in-human study of AbGn-107, a novel antibody-drug conjugate (ADC), in patients with gastric, colorectal, pancreatic or biliary cancers.

Authors: **Andrew H. Ko**, Andrew L. Coveler, Benjamin L. Schlechter, Tanios S. Bekaii-Saab, Brian M. Wolpin, Jeffrey William Clark, Bruno Bockorny, Li-Yuan Bai, Yi-Lin Cheng, Ting-Ying Cheng, Peter J. Langecker, Shih-Yao Lin

Abstract #: e16771

Abstract link: <https://meetinglibrary.asco.org/record/186650/abstract>

Session Type:

Treatment patterns in pancreatic cancer: Differences between expert and community practitioners.

Authors: Ryan P. Topping, E. Gabriela Chiorean, Dan Laheru, Michael J. Pishvaian, Andrea Wang-Gillam, Timothy A. Quill, **Andrew H. Ko**

Abstract #: e19207

Abstract link: <https://meetinglibrary.asco.org/record/190597/abstract>

Session Type:

GENITOURINARY CANCERS *NON-PROSTATE

POSTER SESSIONS

Phase II trial of atezolizumab in BCG-unresponsive non-muscle invasive bladder cancer: SWOG S1605 (NCT #02844816).

Authors: Peter C. Black, Catherine Tangen, Parminder Singh, David James McConkey, Scott Lucia, William Thomas Lowrance, **Vadim S Koshkin**, Kelly Lynn Stratton, Trinity Bivalacqua, Elad Sharon, Wassim Kassouf, **Sima P. Porten**, Richard Carlton Bangs, Melissa Plets, Seth P. Lerner, Ian Murchie Thompson

Abstract #: 5022

Abstract link: <https://meetinglibrary.asco.org/record/186054/abstract>

Session Type: Poster

CD68+ tumor-associated myeloid cells as the target of adenosine-induced gene products and predictor of response to adenosine blockade with ciforadenant (cifo) in renal cell cancer (RCC).

Authors: Martin H Voss, Andrew N. Hotson, Stephen Willingham, Brett Gordon Maxwell Hughes, Jaime R. Merchan, **Lawrence Fong**, Michael Chu, Saby George, Brian Munneke, Mehrdad Mobasher, Richard A. Miller

Abstract #: 5025

Abstract link: <https://meetinglibrary.asco.org/record/186856/abstract>

Session Type: Poster

Study EV-103: Durability results of enfortumab vedotin plus pembrolizumab for locally advanced or metastatic urothelial carcinoma.

Authors: Jonathan E. Rosenberg, Thomas W. Flaig, **Terence W. Friedlander**, Matthew I. Milowsky, Sandy Srinivas, Daniel Peter Petrylak, Jaime R. Merchan, Mehmet Asim Bilen, Anne-Sophie Carret, Nancy Yuan, Carolyn Sasse, Christopher J. Hoimes

Abstract #: 5044

Abstract link: <https://meetinglibrary.asco.org/record/191154/abstract>

Session Type: Poster

A phase II, randomized study of nivolumab (NIVO), NIVO plus linrodostat mesylate, or NIVO plus intravesical bacillus Calmette-Guerin (BCG) in BCG-unresponsive, high-risk, nonmuscle invasive bladder cancer (NMIBC): CheckMate 9UT.

Authors: Noah M. Hahn, Sam Chang, **Maxwell Meng**, Neal D. Shore, Badrinath R. Konety, Gary D. Steinberg, Juergen Gschwend, Hiroyuki Nishiyama, Joan Palou, John A Taylor, Alexandre Lambert, Li Zhu, Toshiki Maeda, Bradley Raybold, Bruce S. Fischer, Chandrika Jeyamohan, Dimitrios Zardavas, Fred Witjes

Abstract #: TPS5090

Abstract link: <https://meetinglibrary.asco.org/record/191868/abstract>

Session Type: Poster

Study EV-103: New randomized cohort testing enfortumab vedotin as monotherapy or in combination with pembrolizumab in locally advanced or metastatic urothelial cancer.

Authors: Nataliya Mar, **Terence W. Friedlander**, Christopher J. Hoimes, Thomas W. Flaig, Mehmet Asim Bilen, Arjun Vasant Balar, Elizabeth Henry, Sandy Srinivas, Jonathan E. Rosenberg, Daniel Peter Petrylak, Earle Frederick Burgess, Jaime R. Merchan, Scott T. Tagawa, Anne-Sophie Carret, Joyce Leta Steinberg, Marya F. Chaney, Matthew I. Milowsky

Abstract #: TPS5092

Abstract link: <https://meetinglibrary.asco.org/record/191684/abstract>

Session Type: Poster

Correlation of tumor mutational burden (TMB) with molecular profiling and clinical characteristics in patients with bladder cancer.

Authors: Divya Natesan, Henry Martell, Patrick Devine, Bradley A. Stohr, James P. Grenert, Jessica Van Ziffle, Nancy M. Joseph, Boris C. Bastian, Sarah E Umetsu, Courtney Onodera, Emily Chan, Arpita Desai, Anthony C. Wong, Sima P. Porten, Jonathan Chou, Terence W. Friedlander, Eric Jay Small, Lawrence Fong, Eric Alejandro Sweet-Cordero, Vadim S Koshkin

Abstract #: e17025

Abstract link: <https://meetinglibrary.asco.org/record/191283/abstract>

Session Type:

First-line PD-1/PD-L1 inhibitor monotherapy for advanced renal cell carcinoma (aRCC): A multi-institutional cohort.

Authors: Whitley Hatton, Arnab Basu, **Vadim S Koshkin**, Deepak Kilari, Ellen Jaeger, Elisa Marie Ledet, Patrick Cotogno, Charlotte Manogue, Brian E. Lewis, Jodi Lyn Layton, Spencer Krane, Oliver A. Sartor, Mehmet Asim Bilen, **Arpita Desai**, Pedro C. Barata

Abstract #: e17109

Abstract link: <https://meetinglibrary.asco.org/record/191209/abstract>

Session Type:

HEAD AND NECK CANCERS

POSTER SESSIONS

★ **A phase II open-label, multicenter, study to evaluate the efficacy and safety of rivocecranib in subjects with recurrent or metastatic adenoid cystic carcinoma.**

Authors: **Hyunseok Kang**, Alan Loh Ho, Jameel Muzaffar, Daniel W. Bowles, Sung-Bae Kim, Myung-Ju Ahn, Glenn J. Hanna, Francis P. Worden, Tak Yun, Steven Norton, Neil Sankar, Bhumsuk Keam

Abstract #: TPS6597

Abstract link: <https://meetinglibrary.asco.org/record/191676/abstract>

Session Type: Poster

Immune checkpoint inhibitor in nasopharyngeal carcinoma: Multi-institution experience.

Authors: Jong Chul Park, Lori J. Wirth, John R Clark, Julia Durbeck, Won Jin Ho, Karim Boudadi, **Hyunseok Kang**

Abstract #: 6538

Abstract link: <https://meetinglibrary.asco.org/record/184631/abstract>

Session Type: Poster

18 FDG PET/CT prediction of treatment outcomes in patients with p16-positive, non-smoking associated, locoregionally advanced oropharyngeal cancer (LA-OPC) receiving deintensified therapy: Results from NRG-HN002.

Authors: Rathan M Subramaniam, Lyudmila Demora, Min Yao, Sue S. Yom, Maura L. Gillison, Jimmy J. Caudell, John Waldron, Ping Xia, Christine H. Chung, Minh-Tam Truong, Louis B Harrison, **Jason Chan**, Jessica Lyn Geiger, Loren Mell, Samantha A. Seaward, Wade Thorstad, Jonathan Jay Beitler, Khalil Sultanem, Dukagjin Blakaj, Quynh-Thu Le

Abstract #: 6563

Abstract link: <https://meetinglibrary.asco.org/record/184756/abstract>

Session Type: Poster

Safety/efficacy of a phase I/II study of SNS-301 added to pembrolizumab in patients with ASPH+ locally advanced unresectable or metastatic/recurrent squamous cell carcinoma of the head and neck (SCCHN).

Authors: William Smith, John Celebi, Robert Pierce, Alice Drumheller, Ildiko Csiki, **Alain Patrick Algazi**

Abstract #: e18510

Abstract link: <https://meetinglibrary.asco.org/record/184771/abstract>

Session Type:

HEMATOLOGICAL MALIGNANCIES

ORAL SESSIONS

Orvacabtagene autoleucel (orva-cel), a B-cell maturation antigen (BCMA)-directed CAR T cell therapy for patients (pts) with relapsed/refractory multiple myeloma (RRMM): update of the phase 1/2 EVOLVE study (NCT03430011).

Authors: Sham Mailankody, Andrzej J. Jakubowiak, Myo Htut, Luciano J. Costa, Kelvin Lee, Siddhartha Ganguly, Jonathan L. Kaufman, David S. Siegel, William Bensinger, Mariana Cota, Thomas Doerr, Todd DeVries, **Sandy Wai Kuan Wong**

Abstract #: 8504

Abstract link: <https://meetinglibrary.asco.org/record/186159/abstract>

Session Type: Oral Abstract

Outcomes with reduced intensity therapy in a low-risk subset of children with National Cancer Institute (NCI) standard-risk (SR) B-lymphoblastic leukemia (B-ALL): A report from Children's Oncology Group (COG) AALL0932.

Authors: Reuven J. Schore, Anne J. Angiolillo, John A Kairalla, Meenakshi Devidas, Karen R. Rabin, Patrick A Zweidler-McKay, Michael J. Borowitz, Brent L. Wood, Andrew J Carroll, Nyla A. Heerema, Mary V. Relling, Johann Hitzler, Ashley R. Lane, Kelly W. Maloney, Cindy Wang, William L. Carroll, Naomi J. Winick, Elizabeth A. Raetz, **Mignon L. Loh**, Stephen Hunger

Abstract #: 10509

Abstract link: <https://meetinglibrary.asco.org/record/185863/abstract>

Session Type: Oral Abstract

Outcomes in children with Down syndrome (DS) and B-lymphoblastic leukemia (B-ALL): A Children's Oncology Group (COG) report.

Authors: Karen R. Rabin, Zhiguo Chen, Meenakshi Devidas, Johann Hitzler, Eric Larsen, Michael Burke, Wanda L. Salzer, Reuven J. Schore, Andrew J Carroll, Nyla A. Heerema, Michael J. Borowitz, Brent L. Wood, William L. Carroll, Naomi J. Winick, Elizabeth A. Raetz, Stephen Hunger, **Mignon L. Loh**, Kelly W. Maloney, Anne L. Angiolillo

Abstract #: 10510

Abstract link: <https://meetinglibrary.asco.org/record/185872/abstract>

Session Type: Oral Abstract

POSTER SESSIONS

Health plan expenditures young adults with newly-diagnosed Hodgkin lymphoma (HL) by care at NCI-designated comprehensive cancer centers (CCC) vs. other treatment sites (non-CCC).

Authors: Julie Anna Wolfson, Smita Bhatia, Jill P. Ginsberg, Laura Becker, David Bernstein, Henry J. Henk, Gary H. Lyman, Paul C. Nathan, Diane Puccetti, Jennifer J Wilkes, **Lena Winestone**, Kelly Kenzik

Abstract #: 7081

Abstract link: <https://meetinglibrary.asco.org/record/190329/abstract>

Session Type: Poster

Outpatient treatment with lisocabtagene maraleucel (liso-cel) across a variety of clinical sites from three ongoing clinical studies in relapsed/refractory (R/R) large B-cell lymphoma (LBCL).

Authors: Carlos R. Bachier, John E. Godwin, **Charalambos Andreadis**, Maria Lia Palomba, Jeremy S. Abramson, Alison R. Sehgal, Gerhard Hildebrandt, Don A. Stevens, Daanish Hoda, Edward J. Licitra, Tanya Siddiqi, Thalia Andrea Farazi, Ana Kostic, Nikolaus S. Trede, Lei Wang, James Lymp, David G. Maloney

Abstract #: 8037

Abstract link: <https://meetinglibrary.asco.org/record/186037/abstract>

Session Type: Poster

Myeloablative versus non-myeloablative consolidative chemotherapy for newly diagnosed primary central nervous system lymphoma: Results of induction therapy in Alliance 51101.

Authors: Tracy Batchelor, Sharmila Giri, Amy S. Ruppert, Nancy L. Bartlett, Eric D. Hsi, Bruce D. Cheson, Lakshmi Nayak, John Paul Leonard, **James L. Rubenstein**

Abstract #: 8042

Abstract link: <https://meetinglibrary.asco.org/record/186841/abstract>

Session Type: Poster

A phase II/III study of JZP-458 in patients with acute lymphoblastic leukemia (ALL)/lymphoblastic lymphoma (LBL) who are hypersensitive to E. coli-derived asparaginases.

Authors: Luke Maese, Rachel E. Rau, Elizabeth A. Raetz, Tong Lin, Pil Kim, Reddy Chandula, Sherrie McClung, Julie Gray, L. Mi Rim Choi, **Mignon L. Loh**, Peter C. Adamson

Abstract #: TPS7568

Abstract link: <https://meetinglibrary.asco.org/record/191711/abstract>

Session Type: Poster

Evaluation of CD22 modulation as a mechanism of resistance to inotuzumab ozogamicin (InO): Results from central CD22 testing on the Children's Oncology Group (COG) phase II trial of INO in children and young adults with CD22+ B-acute lymphoblastic leukemia (B-ALL).

Authors: Nirali N. Shah, Maureen Megan O'Brien, Constance Yuan, Lingyun Ji, Xinxin Xu, Susan R. Rheingold, Deepa Bhojwani, Joanna Yi, Andrew Harris, Patrick A. Brown, Michael J. Borowitz, Meenakshi Devidas, Elizabeth A. Raetz, Lia Gore, **Mignon L. Loh**

Abstract #: 10519

Abstract link: <https://meetinglibrary.asco.org/record/187652/abstract>

Session Type: Poster Discussion

Comparison of chemotherapy dose intensity for AYAs on COG AALL1131 versus CALGB 10403.

Authors: Jennifer Lynn McNeer, Lingyun Ji, Xinxin Xu, Michael Burke, Wanda Salzer, Meenakshi Devidas, Kristina M Laumann, Charlotte Wood, Anjali S. Advani, Richard A. Larson, Selina M. Luger, Wendy Stock, **Mignon L. Loh**, Stephen Hunger, Elizabeth A. Raetz

Abstract #: 10520

Abstract link: <https://meetinglibrary.asco.org/record/187673/abstract>

Session Type: Poster Discussion

Treatment patterns in multiple myeloma: Real-world experience of the triple-class exposed (TCE) patient.

Authors: Nina Shah, Concetta Crivera, Maneesha Mehra, Iman Mohammadi, Karl M. Kilgore, Anny C. Wong, Sundar Jagannath

Abstract #: e20543

Abstract link: <https://meetinglibrary.asco.org/record/186275/abstract>

Session Type:

Investigating macrophage function as a mechanism of resistance to daratumumab in relapsed refractory multiple myeloma patients.

Authors: Swetha Kambhampati, Kwun Wah Wen, Victoria Sung, Sandy Wai Kuan Wong, Thomas G. Martin, Jeffrey Lee Wolf, Nina Shah, Arun Wiita

Abstract #: e20547

Abstract link: <https://meetinglibrary.asco.org/record/186446/abstract>

Session Type:

Front-line daratumumab in newly diagnosed AL amyloidosis patients.

Authors: Vanessa Elaine Kennedy, Nina Shah, Jeffrey Lee Wolf, Thomas G. Martin, Sandy Wai Kuan Wong

Abstract #: e20569

Abstract link: <https://meetinglibrary.asco.org/record/186678/abstract>

Session Type:

Medical resource utilization among multiple myeloma (MM) patients who were triple-exposed to a proteasome inhibitor, an immunomodulatory agent, and daratumumab.

Authors: Maneesha Mehra, Concetta Crivera, Satish Valluri, Sandhya Nair, Martin Vogel, Tonia Nesheiwat, Ravi C. Potluri, Sundar Jagannath, Nina Shah

Abstract #: e20539

Abstract link: <https://meetinglibrary.asco.org/record/186681/abstract>

Session Type:

Characterization of cytokine release syndrome (CRS) and neurological events (NEs) in the phase I TRANSCEND NHL 001 trial of lisocabtagene maraleucel (liso-cel) for patients (pts) with relapsed/refractory (R/R) large B-cell lymphoma (LBCL).

Authors: Jeremy S. Abramson, Tanya Siddiqi, Leo I. Gordon, Matthew Alexander Lunning, Michael Wang, Jon E. Arnason, Amitkumar N. Mehta, Enkhee Purev, David G. Maloney, **Charalambos Andreadis**, Alison R. Sehgal, Scott R. Solomon, Nilanjan Ghosh, Tina M. Albertson, Jacob Garcia, Ana Kostic, Daniel Li, Yeonhee Kim, Maria Lia Palomba

Abstract #: e20046

Abstract link: <https://meetinglibrary.asco.org/record/190246/abstract>

Session Type:

LIVER CANCERS

ORAL SESSIONS

- ★ **Efficacy, tolerability, and biologic activity of a novel regimen of tremelimumab (T) in combination with durvalumab (D) for patients (pts) with advanced hepatocellular carcinoma (aHCC).**

Authors: Robin Kate Kelley, Bruno Sangro, William Proctor Harris, Masafumi Ikeda, Takuji Okusaka, Yoon-Koo Kang, Shukui Qin, Wai Meng David Tai, Ho Yeong Lim, Thomas Yau, Wei-Peng Yong, Ann-Lii Cheng, Antonio Gasbarrini, Filippo G. De Braud, Jordi Bruix, Mitesh J. Borad, Philip He, Alejandra Negro, Masatoshi Kudo, Ghassan K. Abou-Alfa

Abstract #: 4508

Abstract link: <https://meetinglibrary.asco.org/record/185471/abstract>

Session Type: Oral Abstract

POSTER SESSIONS

- ★ **Targeted DNA sequencing analysis to reveal genetic diversity and androgen-receptor alteration in advanced EGFR mutant lung adenocarcinoma.**

Authors: Wei Wu, Ross A. Okimoto, Collin Michael Blakely, James Fraser, Trevor G. Bivona

Abstract #: 9526

Abstract link: <https://meetinglibrary.asco.org/record/184950/abstract>

Session Type: Poster

A retrospective analysis of post second-line chemotherapy treatment outcomes for patients with advanced or metastatic cholangiocarcinoma and FGFR2 fusions.

Authors: Milind M. Javle, Saeed Sadeghi, Anthony B. El-Khoueiry, Lipika Goyal, Philip Agop Philip, Robin Kate Kelley, Ivan Borbath, Teresa Macarulla, Wei-Peng Yong, Suebpong Tanasanvimon, Amit Pande, Gary Li, Michael Howland, Craig Berman, Ghassan K. Abou-Alfa

Abstract #: 4591

Abstract link: <https://meetinglibrary.asco.org/record/186349/abstract>

Session Type: Poster

The natural history of fibroblast growth factor receptor (FGFR)-altered cholangiocarcinoma (CCA).

Authors: Lipika Goyal, Angela Lamarca, John H. Strickler, Michael Cecchini, Daniel H. Ahn, Islam Baiev, Alice Boileve, Melodie Tazdait, Lindsay Marie Hannan, Jingquan Jia, Hetal Desai Marble, Afsaneh Barzi, Vaibhav Sahai, Jochen K Lennerz, **Robin Kate Kelley**, Tanios S. Bekaii-Saab, Milind M. Javle, Nataliya Volodymyrivna Uboha, William P. Harris, Antoine Hollebecque

Abstract #: e16686

Abstract link: <https://meetinglibrary.asco.org/record/186234/abstract>

Session Type:

LUNG CANCERS

POSTER SESSIONS

Selpercatinib (LOXO-292) in patients with RET-fusion+ non-small cell lung cancer.

Authors: Koichi Goto, Geoffrey R. Oxnard, Daniel Shao-Weng Tan, Herbert H. F. Loong, Todd Michael Bauer, Justin F. Gainor, **Caroline Elizabeth McCoach**, Oliver Gautschi, Benjamin Besse, Byoung Chul Cho, Nir Peled, Jared Weiss, YuJung Kim, Yuichiro Ohe, Atsushi Horiike, Keunchil Park, Xin Huang, Elizabeth Olek, Vivek Subbiah, Alexander E. Drilon

Abstract #: 3584

Abstract link: <https://meetinglibrary.asco.org/record/188463/abstract>

Session Type: Poster

Safety and efficacy of tazemetostat, an enhancer of zeste-homolog 2 inhibitor, in patients with relapsed or refractory malignant mesothelioma.

Authors: Marjorie Glass Zauderer, Peter Wojciech Szlosarek, Sylvestre Le Moulec, Sanjay Popat, Paul Taylor, David Planchard, Arnaud Scherpereel, **Thierry Marie Jahan**, Marianna Koczywas, Martin Forster, Robert B. Cameron, Tobias Peikert, Evren Kocabas Argon, Neil Michaud, Jay Yang, Vikram Kansra, Dean A. Fennell

Abstract #: 9058

Abstract link: <https://meetinglibrary.asco.org/record/187063/abstract>

Session Type: Poster

Preliminary efficacy data of platinum-pretreated small cell lung cancer (SCLC) cohort of NCI 9881 study: A phase II study of cediranib in combination with olaparib in advanced solid tumors.

Authors: Joseph W. Kim, Navid Hafez, Hatem Hussein Soliman, Siqing Fu, Shumei Kato, Primo Lara, Ulka N. Vaishampayan, Albiruni Ryan Abdul Razak, Dana Backlund Cardin, **Pamela N. Munster**, Joseph Paul Eder, Elizabeth M. Swisher, Andrew B. Nixon, Abhijit Patel, Yu Shyr, S. Percy Ivy, Patricia LoRusso

Abstract #: 9065

Abstract link: <https://meetinglibrary.asco.org/record/185984/abstract>

Session Type: Poster

Osimertinib in non-small cell lung cancer (NSCLC) with atypical EGFR activating mutations: A retrospective multicenter study.

Authors: Jingran Ji, Jacqueline V Aredo, Andrew Piper-Vallillo, **Laura Huppert**, Julia K Rotow, Hatim Husain, Susan L Stewart, Rosemary Cobb, Heather A. Wakelee, **Collin Michael Blakely**, **Melisa L. Wong**, **Matthew A. Gubens**, Justin Chen, Geoffrey R. Oxnard, **Caroline Elizabeth McCoach**, Zofia Piotrowska, Joel W. Neal, Jonathan W. Riess

Abstract #: 9570

Abstract link: <https://meetinglibrary.asco.org/record/184883/abstract>

Session Type: Poster

Efficacy, safety, and immune priming effect of tazemetostat in patients with epithelioid sarcoma.

Authors: Mrinal M. Gounder, Silvia Stacchiotti, Patrick Schoffski, Gregory Michael Cote, Victor Manuel Villalobos, **Thierry Marie Jahan**, Tom Wei-Wu Chen, Ravin Ratan, Abha A. Gupta, Palma Dileo, Mark Agulnik, Antoine Italiano, Steven Attia, Olivier Mir, Joseph Gerald Pressey, Laura Sierra, Trupti Lingaraj, Jay Yang, Shefali Agarwal, Robin L. Jones

Abstract #: 11564

Abstract link: <https://meetinglibrary.asco.org/record/186752/abstract>

Session Type: Poster

NRG Oncology/Alliance LU005: A phase II/III randomized clinical trial of chemoradiation versus chemoradiation plus atezolizumab in limited stage small cell lung cancer.

Authors: Helen J. Ross, Chen Hu, Kristin Ann Higgins, Salma K. Jabbour, David E. Kozono, Taofeek Kunle Owonikoko, Benjamin Movsas, Timothy Solberg, Canhua Xiao, Terence Marques Williams, James William Welsh, Jeffrey Simko, Xiaofei F. Wang, Nisha Anjali Mohindra, **Charles Hsu**, Tom Stinchcombe, Jeffrey Bradley

Abstract #: TPS9082

Abstract link: <https://meetinglibrary.asco.org/record/191876/abstract>

Session Type: Poster

Intracranial activity of selpercatinib (LOXO-292) in RET fusion-positive non-small cell lung cancer (NSCLC) patients on the LIBRETTO-001 trial.

Authors: Vivek Subbiah, Justin F. Gainor, Geoffrey R. Oxnard, Daniel Shao-Weng Tan, Dwight Hall Owen, Byoung Chul Cho, Herbert H. F. Loong, **Caroline Elizabeth McCoach**, Jared Weiss, YuJung Kim, Lyudmila Bazhenova, Keunchil Park, Haruko Daga, Benjamin Besse, Oliver Gautschi, Sarah Ng, Xin Huang, Alexander E. Drilon

Abstract #: 9516

Abstract link: <https://meetinglibrary.asco.org/record/186081/abstract>

Session Type: Poster Discussion

Characterization of the tumor microenvironment landscape and deep learning-guided prediction of prognosis in lung adenocarcinoma with bulk RNA sequencing data.

Authors: Philippe Gui, Wei Wu, Elizabeth Yu, Caroline Elizabeth McCoach, Robert Charles Doebele, Trever G. Bivona

Abstract #: e21025

Abstract link: <https://meetinglibrary.asco.org/record/187690/abstract>

Session Type:

The potential of a CLIA-certified prognostic/predictive molecular test to address the rising costs of non-small cell lung cancer.

Authors: Michael J Mann, David Jablons, Ken O'Day, Wayne Su, Padma Sundar

Abstract #: e21671

Abstract link: <https://meetinglibrary.asco.org/record/185798/abstract>

Session Type:

NEUROLOGICAL CANCERS

ORAL SESSIONS



Temozolomide-induced hypermutation is associated with high-grade transformation, distant recurrence, and reduced survival after transformation in initially low-grade IDH-mutant diffuse gliomas.

Authors: Nancy Ann Oberheim Bush, Yao Yu, Javier Villanueva-Meyer, Matthew Grimmer, Stephanie Hiltz, David Solomon, Serah Choi, Tali Mazor, Chibo Hong, Anny Shai, Joanna J. Phillips, Mike McDermott, Daphne A. Haas-Kogan, Jennie Taylor, Nicholas A. Butowski, Jennifer Clarke, Mitchel Berger, Annette Molinaro, Susan Marina Chang, Joseph Costello

Abstract #: 2506

Abstract link: <https://meetinglibrary.asco.org/record/185454/abstract>

Session Type: Oral Abstract

Alliance A071401: Phase II trial of FAK inhibition in meningiomas with somatic NF2 mutations.

Authors: Priscilla Kaliopi Brastianos, Erin Twohy, Elizabeth Robins Gerstner, Timothy J. Kaufmann, A. John Iafrate, Suriya A. Jeyapalan, David Eric Piccioni, Andrew B. Lassman, Camilo E. Fadul, David Schiff, **Jennie Webster Taylor**, Sajeel A. Chowdhary, Thomas Joseph Kaley, Tara Morrison, Priya Kumthekar, Susan Geyer, Daniel P. Cahill, Sandro Santagata, Frederick G. Barker, Evanthia Galanis, Alliance A071401 Investigators

Abstract #: 2502

Abstract link: <https://meetinglibrary.asco.org/record/185074/abstract>

Session Type: Oral Abstract

Vorasidenib (VOR; AG-881), an inhibitor of mutant IDH1 and IDH2, in patients (pts) with recurrent/progressive glioma: Updated results from the phase I non-enhancing glioma population.

Authors: Ingo K. Mellinghoff, Katherine B. Peters, Timothy Francis Cloughesy, Howard A. Burris III, Elizabeth Anne Maher, Filip Janku, Gregory Michael Cote, Macarena Ines De La Fuente, **Jennifer Leigh Clarke**, Kha Le, Li Liu, Man Yuen, Marissa Arnofsky, Islam Hassan, Lori Steelman, Shuchi Sumant Pandya, Patrick Y. Wen

Abstract #: 2504

Abstract link: <https://meetinglibrary.asco.org/record/185066/abstract>

Session Type: Oral Abstract

Randomized phase II trial of MIBG versus MIBG/vincristine/irinotecan versus MIBG/vorinostat for relapsed/refractory neuroblastoma: A report from the New Approaches to Neuroblastoma Therapy Consortium.

Authors: Steven G. DuBois, Meaghan Granger, Susan G. Groshen, Denice Tsao-Wei, Anasheh Shamirian, Scarlett Czarnecki, Fariba Goodarzian, Rachel Berkovich, Hiroyuki Shimada, Yael P. Mosse, Suzanne Shusterman, Susan Lerner Cohn, Kelly C. Goldsmith, Brian D. Weiss, Gregory A. Yanik, Clare Twist, Meredith Irwin, Julie R. Park, Araz Marachelian, **Katherine K. Matthay**

Abstract #: 10500

Abstract link: <https://meetinglibrary.asco.org/record/185851/abstract>

Session Type: Oral Abstract

Phase I trial of lorlatinib in patients with ALK-driven refractory or relapsed neuroblastoma: A New Approaches to Neuroblastoma Consortium study.

Authors: Kelly C. Goldsmith, Kimberly Kayser, Susan G. Groshen, Marc Chioda, Holger C. Thurm, Joseph Chen, Gerson Peltz, Meaghan Granger, John Maris, **Katherine K. Matthay**, Suzy Ghazarian, Julie R. Park, Esther Berko, Araz Marachelian, Yael P. Mosse

Abstract #: 10504

Abstract link: <https://meetinglibrary.asco.org/record/185854/abstract>

Session Type: Oral Abstract

POSTER SESSIONS

MDNA55 survival in recurrent glioblastoma (rGBM) patients expressing the interleukin—4 receptor (IL4R) as compared to a matched synthetic control.

Authors: John H. Sampson, Achal Achrol, Manish K. Aghi, Krystof Bankiewicz, Martin Bexon, Steven Brem, Andrew Jacob Brenner, Chandtip Chandhasin, Sajeel A. Chowdhary, Melissa Coello, Sunit Das, Seunggu Jude Han, Santosh Kesari, Fahar Merchant, Nina Merchant, Dina Randazzo, Michael A. Vogelbaum, Frank Vrionis, Miroslaw Zabek, **Nicholas A. Butowski**

Abstract #: 2513

Abstract link: <https://meetinglibrary.asco.org/record/185973/abstract>

Session Type: Poster

Estimated clinical efficacy and radiographic response characteristics of PD1 inhibition in newly diagnosed and recurrent glioblastoma in clinical practice: A report from the iRANO Working Group.

Authors: Benjamin M. Ellingson, Raymond Yi-kun Huang, Javier Villanueva-Meyer, Mary Jane Lim-Fat, Elizabeth George, Bryan Iorgulescu, Geoffrey Young, Catalina Raymond, Talia Oughourlian, Jacob Schlossman, **Tyler Gleason, Nancy Ann Oberheim Bush**, Patrick Y. Wen, Timothy Francis Cloughesy, **Susan Marina Chang**, David A. Reardon, Michael Weller, **Hideho Okada**

Abstract #: 2521

Abstract link: <https://meetinglibrary.asco.org/record/185076/abstract>

Session Type: Poster

Post-marketing safety surveillance of tumor treating fields (TTFields) in patients with high-grade glioma in clinical practice.

Authors: Wenyin Shi, Deborah T. Blumenthal, **Nancy Ann Oberheim Bush**, Seid Kebir, Rimas Vincas Lukas, Yoshihiro Muragaki, Jay-Jiguang Zhu, Martin Glas

Abstract #: 2542

Abstract link: <https://meetinglibrary.asco.org/record/189996/abstract>

Session Type: Poster

Clinical experience of ONC201 in patients with recurrent H3 K27M-mutant spinal cord glioma.

Authors: Sylvia Christine Kurz, Rohinton Tarapore, Yazmin Odia, **Nicholas A. Butowski**, Carl Johannes Koschmann, Dolly Aguilera, Tobey J. MacDonald, Guangrong Lu, Joshua E. Allen, Wolfgang Oster, Minesh P. Mehta, Andrew S. Chi, Patrick Y. Wen

Abstract #: 2563

Abstract link: <https://meetinglibrary.asco.org/record/189924/abstract>

Session Type: Poster

Final results of controlled IL-12 monotherapy in adults with grade III or IV gliomas.

Authors: E. Antonio Chiocca, Rimas Vincas Lukas, John Yu, Bakhtiar Yamini, **Nancy Ann Oberheim Bush**, Christina Amidei, Jill Yannetti Buck, Nathan A. Demars, Nira Hadar, John Miao, Taylor Estupinan, Yunxia Wang, John W. Loewy, Arnold Bruce Gelb, Laurence JN Cooper

Abstract #: 3040

Abstract link: <https://meetinglibrary.asco.org/record/188901/abstract>

Session Type: Poster

Single-agent ONC201 in recurrent H3 K27M-mutant diffuse midline glioma.

Authors: Isabel Arrillaga-Romany, Sylvia Christine Kurz, Rohinton Tarapore, Ashley Sumrall, **Nicholas A. Butowski**, Rebecca A. Harrison, John Frederick De Groot, Andrew S. Chi, Nicole A. Shonka, Yoshie Umemura, Yazmin Odia, Minesh P. Mehta, Phioanh Leia Nghiemphu, Timothy Francis Cloughesy, Guangrong Lu, Wolfgang Oster, Joshua E. Allen, Tracy Batchelor, Andrew B. Lassman, Patrick Y. Wen

Abstract #: 3615

Abstract link: <https://meetinglibrary.asco.org/record/188339/abstract>

Session Type: Poster

Clinical efficacy of ONC201 in thalamic H3 K27M-mutant glioma.

Authors: Abed Rahman Kawakibi, Rohinton Tarapore, Sharon L. Gardner, Sylvia Christine Kurz, Patrick Y. Wen, Isabel Arrillaga-Romany, Tracy Batchelor, **Nicholas A. Butowski**, Ashley Love Sumrall, Nicole A. Shonka, Rebecca A. Harrison, John Frederick De Groot, Minesh P. Mehta, Yazmin Odia, Matthew David Hall, Timothy Francis Cloughesy, Benjamin M. Ellingson, Yoshie Umemura, Joshua E. Allen, Carl Johannes Koschmann, Koschmann Lab, Oncoceutics Team

Abstract #: 3617

Abstract link: <https://meetinglibrary.asco.org/record/188239/abstract>

Session Type: Poster

ONC201 in previously irradiated pediatric H3 K27M-mutant glioma or newly diagnosed DIPG.

Authors: Sharon L. Gardner, Carl Johannes Koschmann, Rohinton Tarapore, Jeffrey C. Allen, Wafik Tharwat Zaky, Yazmin Odia, Matthew Hall, Doured Daghistani, Ziad Khatib, Dolly Aguilera, Tobey J. MacDonald, Maryam Fouladi, Susan Lynne McGovern, **Cassie Kline**, Nicholas A Vitanza, Guangrong Lu, Wolfgang Oster, Joshua E. Allen, Soumen Khatua

Abstract #: 3619

Abstract link: <https://meetinglibrary.asco.org/record/187807/abstract>

Session Type: Poster

INDIGO: A global, randomized, double-blind, phase III study of vorasidenib (VOR; AG-881) vs placebo in patients (pts) with residual or recurrent grade II glioma with an isocitrate dehydrogenase 1/2 (IDH1/2) mutation.

Authors: Ingo K. Mellinghoff, Martin J. Van Den Bent, **Jennifer Leigh Clarke**, Elizabeth Anne Maher, Katherine B. Peters, Mehdi Touat, John Frederick De Groot, Macarena Ines De La Fuente, Isabel Arrillaga-Romany, Wolfgang Wick, Benjamin M. Ellingson, Steven Schoenfeld, Feng Tai, Kha Le, Min Lu, Lori Steelman, Islam Hassan, Shuchi Sumant Pandya, Patrick Y. Wen, Timothy Francis Cloughesy

Abstract #: TPS2574

Abstract link: <https://meetinglibrary.asco.org/record/191739/abstract>

Session Type: Poster

A phase II/III randomized, blinded study of tozuleristide for fluorescence imaging detection during neurosurgical resection of pediatric primary central nervous system (CNS) tumors: PNOC012 (Pacific Pediatric Neuro-oncology Consortium).

Authors: Sarah Leary, Jason E. Blatt, Alan R. Cohen, Kenneth J. Cohen, Bonnie Cole, Lance Governale, Nalin Gupta, Jason S. Hauptman, Eric M. Jackson, Meysam A. Kebriaei, Cassie Kline, Andrew Kobets, Amy Lee, Dennis Michael Miller, **Sabine Mueller**, Jeff Ojemann, **Michael Prados**, Maryam Rahman, Jason N. Wright, Anne Elizabeth Bendel, BB-006/PNOC012 Study Group

Abstract #: TPS2575

Abstract link: <https://meetinglibrary.asco.org/record/191666/abstract>

Session Type: Poster

BMX-HGG: Phase II trial of newly diagnosed high-grade glioma treated with concurrent radiation therapy, temozolomide, and BMX-001.

Authors: Katherine B. Peters, Adam Louis Cohen, **Nicholas A. Butowski**, John L. Villano, Pierre Giglio, Tresa McGranahan, Chi Zhang, Timothy Francis Cloughesy, James Emmett Herndon, Patrick Healy, David MacLeod, Sara Penchev, David Silberstein, Ines Batinic-Haberle, Ivan Spasojevic, Shayne Gad, David Radoff, Daniel Barboriak, James Crapo

Abstract #: TPS2577

Abstract link: <https://meetinglibrary.asco.org/record/191667/abstract>

Session Type: Poster

Long-term analysis of the WHO-defined molecular subgroups of high-risk grade II gliomas treated with radiation and temozolomide on NRG Oncology/RTOG 0424.

Authors: Erica Hlavin Bell, Stephanie L. Pugh, Barbara Jean Fisher, Glenn Jay Lesser, David R. Macdonald, Jessica L. Fleming, Joseph P. McElroy, Aline P. Becker, C Leland Rogers, Thomas J. Doyle, Maria Werner-Wasik, Jean-Paul Bahary, Michael Yu, David D'Souza, Nadia N. Laack, **Patricia Penny Sneed**, Young Kwok, Steven P. Howard, Minesh P. Mehta, Arnab Chakravarti

Abstract #: 2518

Abstract link: <https://meetinglibrary.asco.org/record/185078/abstract>

Session Type: Poster Discussion

Outcomes and toxicities in patients (pts) non-randomly assigned to immunotherapy Children's Oncology Group (COG) ANBL0032.

Authors: Ami Vijay Desai, Andrew Gilman, Mehmet Fevzi Ozkaynak, Arlene Naranjo, Wendy B London, Sheena Cretella Tenney, Malcolm Smith, Nita Seibel, Hiroyuki Shimada, **Katherine K. Matthay**, Susan Lerner Cohn, John M. Maris, Rochelle Bagatell, Paul M. Sondel, Julie R. Park, Alice L. Yu

Abstract #: 10523

Abstract link: <https://meetinglibrary.asco.org/record/185871/abstract>

Session Type: Poster Discussion

Modulation of radiation biomarkers in a randomized phase II study of ¹³¹I-MIBG with or without radiation sensitizers for resistant/relapsed neuroblastoma.

Authors: Kevin M. Campbell, Susan Groshen, Araz Marachelian, Sharmistha Pal, Daphne A. Haas-Kogan, Mark Kellogg, Angela Clare Evans, Matthew A. Coleman, Julie R. Park, Meaghan Granger, **Katherine K. Matthay**, Steven G. DuBois

Abstract #: e22514

Abstract link: <https://meetinglibrary.asco.org/record/188821/abstract>

Session Type:

PROSTATE CANCERS

ORAL SESSIONS

- ★ **Accuracy of 68Ga-PSMA-11 for pelvic nodal metastasis detection prior to radical prostatectomy and pelvic lymph node dissection: A multicenter prospective phase III imaging study.**

Authors: Thomas A Hope, Wesley R Armstrong, Vishnu Murthy, **Courtney Lawhn Heath, Spencer Behr**, Francesco Barbato, Francesco Ceci, Andrea Farolfi, Sarah Schwarzenboeck, Marcus Unterrainer, Helle Zacho, **Matthew R. Cooperberg, Hao Gia Nguyen, Peter Carroll**, Robert E. Reiter, Stuart Holden, Wolfgang P. Fendler, Matthias Eiber, Johannes Czernin, Jeremie Calais

Abstract #: 5502

Abstract link: <https://meetinglibrary.asco.org/record/187068/abstract>

Session Type: Oral Abstract

- ★ **The comprehensive methylation landscape of metastatic castration-resistant prostate cancer (mCRPC) identifies new phenotypic subtypes: Results from the West Coast Prostate Cancer Dream Team (WCDDT).**

Authors: Eric Jay Small, Shuang Zhao, **William S. Chen, Haolong Li, Adam Foye, Martin Sjöström, Jun Jie Hua, Rahul Raj Aggarwal**, Joshi J. Alumkal, Tomasz M. Beer, Martin Gleave, Matthew Rettig, Owen Witte, Primo Lara, Arul Chinnaiyan, Chris Maher, **David A. Quigley, Felix Y Feng**

Abstract #: 5507

Abstract link: <https://meetinglibrary.asco.org/record/187324/abstract>

Session Type: Oral Abstract

- Impact of PSMA-targeted imaging with 18F-DCFPyL-PET/CT on clinical management of patients (pts) with biochemically recurrent (BCR) prostate cancer (PCa): Results from a phase III, prospective, multicenter study (CONDOR).**

Authors: Michael J. Morris, **Peter R. Carroll**, Lawrence Saperstein, Frederic Pouliot, David Josephson, Jeffrey Y.C. Wong, Austin R. Pantel, Steve Y. Cho, Kenneth Gage, Morand Piert, Andrei Iagaru, Janet H. Pollard, Vivien Wong, Jessica Donato Jensen, Nancy Stambler, Michael A. Gorin, Barry Siegel

Abstract #: 5501

Abstract link: <https://meetinglibrary.asco.org/record/187017/abstract>

Session Type: Oral Abstract

POSTER SESSIONS

★ **Streamlining the genetics pipeline to increase testing for patients at risk for hereditary prostate cancer.**

Authors: Barry Tong, Hala Borno, Eric Jay Small, Fern Alagala, Amie Blanco, Mallika Sachdev Dhawan

Abstract #: 1590

Abstract link: <https://meetinglibrary.asco.org/record/189059/abstract>

Session Type: Poster

★ **Molecular determinants of outcome for metastatic castration-sensitive prostate cancer (mCSPC) with addition of apalutamide (APA) or placebo (PBO) to androgen deprivation therapy (ADT) in TITAN.**

Authors: Felix Y Feng, Shibu Thomas, Clemente Aguilar-Bonavides, Michael Gormley, Neeraj Agarwal, Gerhard Attard, Alexander William Wyatt, Elai Davicioni, Deborah S. Ricci, Angela Lopez-Gitlitz, Julie S. Larsen, Simon Chowdhury, Kim N. Chi

Abstract #: 5535

Abstract link: <https://meetinglibrary.asco.org/record/188421/abstract>

Session Type: Poster

★ **Final survival results from SPARTAN, a phase III study of apalutamide (APA) versus placebo (PBO) in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC).**

Authors: Eric Jay Small, Fred Saad, Simon Chowdhury, Stephane Oudard, Boris A. Hadaschik, Julie N Graff, David Olmos, Paul N. Mainwaring, Ji Youl Lee, Hiroji Uemura, Peter De Porre, Andressa Smith, Sabine Doris Brookman-May, Susan Li, Ke Zhang, Oliver Brendan Rooney, Angela Lopez-Gitlitz, Matthew Raymond Smith

Abstract #: 5516

Abstract link: <https://meetinglibrary.asco.org/record/187437/abstract>

Session Type: Poster Discussion

Molecular determinants of prostate specific antigen (PSA) kinetics and clinical response to apalutamide (APA) in patients (pts) with nonmetastatic castration-resistant prostate cancer (nmCRPC) in SPARTAN.

Authors: Fred Saad, Julie N Graff, Boris A. Hadaschik, Stephane Oudard, Paul N. Mainwaring, Amitabha Bhaumik, Michael Gormley, Anil Londhe, Shibu Thomas, Angela Lopez-Gitlitz, Suneel Mundle, Elai Davicioni, **Eric Jay Small**, Matthew Raymond Smith, **Felix Y Feng**

Abstract #: 5521

Abstract link: <https://meetinglibrary.asco.org/record/187857/abstract>

Session Type: Poster

RTOG 3506 (STEEL): A study of salvage radiotherapy with or without enzalutamide in recurrent prostate cancer following surgery.

Authors: Edwin Melencio Posadas, Hiram Alberto Gay, Stephanie L. Pugh, Todd Matthew Morgan, James B. Yu, Stanislav Lechpammer, **Felix Y Feng**

Abstract #: TPS5601

Abstract link: <https://meetinglibrary.asco.org/record/191787/abstract>

Session Type: Poster

Prostate-specific antigen (PSA) kinetics in patients (pts) with advanced prostate cancer treated with apalutamide: Results from the TITAN and SPARTAN studies.

Authors: Kim N. Chi, Fred Saad, Simon Chowdhury, Julie N Graff, Neeraj Agarwal, Stephane Oudard, Gang Li, Angela Lopez-Gitlitz, Julie S. Larsen, Sharon Anne McCarthy, Suneel Mundle, Matthew Raymond Smith, **Eric Jay Small**

Abstract #: 5541

Abstract link: <https://meetinglibrary.asco.org/record/188356/abstract>

Session Type: Poster

First-in-human phase I study of HPN424, a tri-specific half-life extended PSMA-targeting T-cell engager in patients with metastatic castration-resistant prostate cancer (mCRPC).

Authors: Johanna C. Bendell, **Lawrence Fong**, Mark N. Stein, Tomasz M. Beer, Ashley Ross, Xin Gao, Aaron Weitzman, Richard Austin, Vaishnavi Ganti, Che-Leung Law, Bryan Lemon, Holger Wesche, Johann S. De Bono

Abstract #: 5552

Abstract link: <https://meetinglibrary.asco.org/record/187904/abstract>

Session Type: Poster

Safety and clinical activity of atezolizumab (atezo) + radium-223 dichloride (r-223) in 2L metastatic castration-resistant prostate cancer (mCRPC): Results from a phase Ib clinical trial.

Authors: Michael J. Morris, **Lawrence Fong**, Daniel Peter Petrylak, A. Oliver Sartor, Celestia S. Higano, Lance C. Pagliaro, Ajjai Shivaram Alva, Leonard Joseph Appleman, Winston Tan, Ulka N. Vaishampayan, Raphaelle Porcu, Darren Tayama, Edward Ernest Kadel, Kobe Chi Yung Yuen, Asim Datye, Andrew J. Armstrong

Abstract #: 5565

Abstract link: <https://meetinglibrary.asco.org/record/188206/abstract>

Session Type: Poster

Short-term adjuvant versus neoadjuvant hormone therapy in localized prostate cancer: A pooled individual patient analysis of two phase III trials.

Authors: Daniel Eidelberg Spratt, Shawn Malone, Soumyajit Roy, Scott Grimes, Libni Eapen, Scott Carlyle Morgan, Julia Malone, Julia Craig, Robert Timothy Dess, William Jackson, Matthew J Schipper, Jeff M. Michalski, W. Robert Lee, Thomas Michael Pisansky, **Felix Y Feng**, William U. Shipley, Howard M. Sandler, **Mack Roach**, Yilun Sun, Colleen Anne Lawton

Abstract #: 5584

Abstract link: <https://meetinglibrary.asco.org/record/188337/abstract>

Session Type: Poster

A phase III randomized, placebo-controlled, double-blind study of niraparib plus abiraterone acetate and prednisone versus abiraterone acetate and prednisone in patients with metastatic prostate cancer (MAGNITUDE).

Authors: Kim N. Chi, Dana E. Rathkopf, Gerhardt Attard, Matthew Raymond Smith, Eleni Efsthathiou, David Olmos, **Eric Jay Small**, Ji Youl Lee, Deborah S. Ricci, Jason S. Simon, Xin Zhao, Nishi Kothari, Shinta Cheng, Shahneen Kaur Sandhu

Abstract #: TPS5588

Abstract link: <https://meetinglibrary.asco.org/record/191705/abstract>

Session Type: Poster

Phase I study of AMG 509, a STEAP1 x CD3 T cell-recruiting XmAb 2+1 immune therapy, in patients with metastatic castration-resistant prostate cancer (mCRPC).

Authors: W. Kevin Kelly, Daniel Costin Danila, William Jeffery Edenfield, **Rahul Raj Aggarwal**, Daniel Peter Petrylak, A. Oliver Sartor, Christopher Joseph Sumei, Tanya B. Dorff, Evan Y. Yu, Nabil Adra, David Michael Waterhouse, Andrew J. Armstrong, Lisa Horvath, David William Pook, Leonard Joseph Appleman, Aubrey Lau, Mark Salvati, Hosein Kouros-Mehr

Abstract #: TPS5589

Abstract link: <https://meetinglibrary.asco.org/record/191814/abstract>

Session Type: Poster

Combined 18F-naf and fluciclovine administration for PET imaging of prostate cancer.

Authors: Franklin W. Huang, Brian Trinh, Sunny Wang, Thomas A. Hope

Abstract #: e17533

Abstract link: <https://meetinglibrary.asco.org/record/188779/abstract>

Session Type:

Phase 1b study of BXCL701 , a novel small molecule inhibitor of dipeptidyl peptidases (DPP), combined with pembrolizumab (pembro), in men with metastatic castration-resistant prostate cancer (mCRPC).

Authors: **Rahul Raj Aggarwal**, Dan Costin, Vincent J. O'Neill, Stefani Corsi-Travali, Sreenivas Adurthi, Adedayo Adedoyin, Diane I. Healey, Johann S. De Bono, Paul Monk, Jingsong Zhang, **Eric Jay Small**

Abstract #: e17581

Abstract link: <https://meetinglibrary.asco.org/record/187869/abstract>

Session Type:

Effect of modulation of CD3 binding in a PSMAxCD3 T-cell engaging bispecific antibody on maintenance of efficient tumor cell kill and cytokine release.

Authors: Ben Buelow, Kevin Dang, Pranjali Dalvi, Yuping Li, Alexander Cheung, Chiara Rancan, Preethi Sankaran, Duy Pham, Katherine Harris, Laura Davison, Aarti Balasubramani, Starlynn Clarke, Alec Starzinski, **Lawrence Fong**, Suhasini Iyer

Abstract #: e17583

Abstract link: <https://meetinglibrary.asco.org/record/188016/abstract>

Session Type:

Sipuleucel-T (sip-T) and oral androgen axis inhibitors in black men being treated for metastatic castration-resistance prostate cancer (mCRPC): Observations from the Medicare Fee for Service (FFS) population.

Authors: **Hala Borno**, Kelvin A. Moses, Paul Monk, Kate Fitch, Matthew Harmon, Scott Flanders, Rana R. McKay

Abstract #: e17589

Abstract link: <https://meetinglibrary.asco.org/record/188090/abstract>

Session Type:

SOLID TUMORS

ORAL SESSIONS

Updated entrectinib data in children and adolescents with recurrent or refractory solid tumors, including primary CNS tumors.

Authors: Ami Vijay Desai, Giles W. Robinson, Ellen M. Basu, Jennifer Foster, Karen Gauvain, **Amit Sabnis**, Suzanne Shusterman, Margaret E Macy, Luke Maese, Janet Yoon, Thomas Cash, Mohamed Abdelbaki, Kellie Nazemi, Brian D. Weiss, Saibah Chohan, Alison Cardenas, Katherine Hutchinson, Guillaume Bergthold, Amar J. Gajjar, Elizabeth Fox

Abstract #: 107

Abstract link: <https://meetinglibrary.asco.org/record/186875/abstract>

Session Type: Clinical Science Symposium

Phase I study of 9-ing-41, a small molecule selective glycogen synthase kinase-3 beta (GSK-3 β) inhibitor, as a single agent and combined with chemotherapy, in patients with refractory tumors.

Authors: Benedito A. Carneiro, Ludimila Cavalcante, Bruno R. Bastos, Steven F. Powell, Wen Wee Ma, Solmaz Sahebjam, Donald Harvey, Andre Luiz De Souza, **Mallika Sachdev Dhawan**, Howard Safran, Francis J. Giles, **Pamela N. Munster**

Abstract #: 3507

Abstract link: <https://meetinglibrary.asco.org/record/185088/abstract>

Session Type: Oral Abstract

POSTER SESSIONS



Phase I study of rucaparib and irinotecan in advanced solid tumors with homologous recombination deficiency (HRD) mutations.

Authors: Mallika Sachdev Dhawan, Roshun Rahimi, Silpa Karipineni, Lauren Wilch, Erika Zigman, Rahul Raj Aggarwal, Jennifer A. Grabowsky, Pamela N. Munster

Abstract #: 3513

Abstract link: <https://meetinglibrary.asco.org/record/185092/abstract>

Session Type: Poster

★ **Uterine cancer histology and stage at presentation in black and white women: A cohort study of 488,000 patients.**

Authors: Mary Kathryn Abel, Cheng-I Liao, Kathleen M. Darcy, Chunqiao Tian, Amandeep Kaur Mann, Yassmina McDonald, Kenneth Williams, George Larry Maxwell, Daniel Stuart Kapp, **John K. Chan**

Abstract #: 6089

Abstract link: <https://meetinglibrary.asco.org/record/188177/abstract>

Session Type: Poster

★ **Phase I trial of pazopanib in combination with irinotecan and temozolomide (PAZIT) for children and young adults with advanced sarcoma.**

Authors: Kieuhoa T. Vo, Jennifer G. Michlitsch, Avanthi T. Shah, Joel M. Reid, Sarah A. Burhow, Eloise M. Graham, Fabienne Hollinger, Matthew A. Zapala, Janel Long-Boyle, Mi-Ok Kim, Katherine K. Matthay, Steven G. DuBois

Abstract #: 10526

Abstract link: <https://meetinglibrary.asco.org/record/185880/abstract>

Session Type: Poster Discussion

A phase I/II study of rovalpituzumab tesirine in delta-like 3-expressing, advanced solid tumors.

Authors: Aaron Scott Mansfield, David S. Hong, Christine L. Hann, Anna F. Farago, Himisha Beltran, Saiama Naheed Waqar, Andrew Eugene Hendifar, Lowell Brian Anthony, Matthew H. Taylor, Alan Haruo Bryce, Scott T. Tagawa, Karl D. Lewis, Jiaxin Niu, Christine H. Chung, James M. Cleary, Michael Rossi, Carrienne Ludwig, Ricardo Valenzuela, Yan Luo, **Rahul Raj Aggarwal**

Abstract #: 3552

Abstract link: <https://meetinglibrary.asco.org/record/187908/abstract>

Session Type: Poster

Impact of relacorilant, a selective glucocorticoid receptor antagonist, on the immunosuppressive effects of endogenous cortisol.

Authors: Andrew Greenstein, **Pamela N. Munster**, Jasgit C. Sachdev, Gini F. Fleming, Andreas Grauer, Stacie Peacock Shepherd

Abstract #: 3091

Abstract link: <https://meetinglibrary.asco.org/record/188712/abstract>

Session Type: Poster

Selpercatinib (LOXO-292) in patients with RET-mutant medullary thyroid cancer.

Authors: Manisha H. Shah, Eric Jeffrey Sherman, Bruce Robinson, Benjamin J. Solomon, **Hyunseok Kang**, Jochen H. Lorch, Francis P. Worden, Marcia S. Brose, Sophie Leboulleux, Yann Godbert, Marie Meurer, John C. Morris, Taofeek Kunle Owonikoko, Daniel Shao-Weng Tan, Oliver Gautschi, Jyoti D. Patel, Luxi Yang, Jennifer Kherani, Maria E. Cabanillas, Lori J. Wirth

Abstract #: 3594

Abstract link: <https://meetinglibrary.asco.org/record/187939/abstract>

Session Type: Poster

A phase II study of olaparib in combination with pembrolizumab in patients with previously treated advanced solid tumors with homologous recombination repair mutation (HRRm) and/or homologous recombination repair deficiency (HRD): KEYLYNK-007.

Authors: Timothy A Yap, **Mallika Sachdev Dhawan**, Andrew Eugene Hendifar, Michele Maio, Taofeek Kunle Owonikoko, Miguel Quintela-Fandino, Roni Shapira, Sanatan Saraf, Ping Qiu, Fan Jin, Alexander Gozman, Douglas A Levine

Abstract #: TPS3156

Abstract link: <https://meetinglibrary.asco.org/record/191793/abstract>

Session Type: Poster

Characterization of patients (pts) with long-term responses to rucaparib in recurrent ovarian cancer (OC).

Authors: Elizabeth M. Swisher, Rebecca Sophie Kristeleit, Amit M. Oza, Anna Tinker, Isabelle Laure Ray-Coquard, Ana Oaknin, Robert L. Coleman, Howard A. Burris III, Carol Aghajanian, David M. O'Malley, Alexandra Leary, Stephen Welch, Diane M. Provencher, Geoffrey Shapiro, **Lee-may Chen**, Ronnie Shapira-Frommer, Sandra Goble, Lara Maloney, Kevin K. Lin, Iain A. McNeish

Abstract #: 6015

Abstract link: <https://meetinglibrary.asco.org/record/185449/abstract>

Session Type: Poster Discussion

Sex cord stromal and germ cell ovarian cancer: Is there a racial disparity?

Authors: Fatima Reyes, Rosa Guerra, Cheng-I Liao, Chris Argueta, Amandeep Kaur Mann, **Mary Kathryn Abel**, Daniel Stuart Kapp, **John K. Chan**

Abstract #: e18056

Abstract link: <https://meetinglibrary.asco.org/record/190909/abstract>

Session Type:

BIOMARKERS

POSTER SESSIONS

Effect of detection of epigenomic changes in plasma-derived cell-free DNA on multicancer classification.

Authors: Anna Bergamaschi, David Haan, Jeremy Ku, Yuhong Ning, Chris Ellison, Gulfem Guler, Tierney Phillips, Erin McCarthy, Michael Antoine, Albert Nguyen, Aaron Scott, Paul Lloyd, **Alan Ashworth**, Kelly Bethel, Samuel Levy

Abstract #: 1539

Abstract link: <https://meetinglibrary.asco.org/record/187314/abstract>

Session Type: Poster

OTHER

ORAL SESSIONS

★ **Trainee and workforce diversity in hematology and oncology: Ten years later what has changed?**

Authors: Ana I. Velazquez Manana, Ryan Leibrandt, Narjust Duma

Abstract #: 11000

Abstract link: <https://meetinglibrary.asco.org/record/185955/abstract>

Session Type: Clinical Science Symposium

POSTER SESSIONS

★ **Prediction of mental health disorder onset and impact on emergency visits following a cancer diagnosis.**

Authors: William Chen, Lauren Boreta, Steve E. Braunstein, Julian C. Hong

Abstract #: 2041

Abstract link: <https://meetinglibrary.asco.org/record/187009/abstract>

Session Type: Poster

★ **Social media use among NCI designated cancer centers: Where is the diversity?**

Authors: Ana I. Velazquez Manana, Ryan Leibrandt, Lesley Wu, Carolina Bernabe Ramirez, Coral Olazagasti, Nina Thuha Nguyen, Carlos Rodriguez Bonilla, Narjust Duma

Abstract #: 11003

Abstract link: <https://meetinglibrary.asco.org/record/187343/abstract>

Session Type: Poster Discussion



Design-based bone marrow biopsy training.

Authors: Sam Brondfield, Derek Harmon, Dylan Romero, Jenny Tai, Gerald Hsu

Abstract #: 11077

Abstract link: <https://meetinglibrary.asco.org/record/185913/abstract>

Session Type: Poster Discussion

The Matilda effect: Under-representation of women in hematology and oncology awards.

Authors: Shruti R Patel, Frederique St-Pierre, **Ana I. Velazquez Manana**, Snegha Ananth, Urshila Durani, Andrea Carolina Anampa-Guzmán, Katerina Castillo, Natasha Dhawan, Kathryn Jean Ruddy, Amy S Oxentenko, Narjust Duma

Abstract #: 11012

Abstract link: <https://meetinglibrary.asco.org/record/187431/abstract>

Session Type: Poster Discussion

Health and cancer concerns among siblings of childhood cancer survivors: A report from the Childhood Cancer Survivor Study (CCSS).

Authors: Sonia Morales, Sedigheh Mirzaei Salehabadi, Deokumar Srivastava, Todd M. Gibson, Wendy M. Leisenring, **Anne Lown**, Lonnie K. Zeltzer, Gregory T. Armstrong, Kevin R. Krull, David Kyle Buchbinder

Abstract #: 12117

Abstract link: <https://meetinglibrary.asco.org/record/189797/abstract>

Session Type: Poster

Blockchain-authenticated sharing of cancer patient genomic and clinical outcomes data.

Authors: Shohei Burns, Eric Andrew Collisson

Abstract #: e19358

Abstract link: <https://meetinglibrary.asco.org/record/190661/abstract>

Session Type:

Patient factors associated with changes in functional status during systemic cancer therapy in older adults: A systematic review.

Authors: Vivian Lam, Kah Poh Loh, Katey R Webber, Simran Padam, Mina S. Sedrak, Vivek Musinipally, Madison Grogan, Carolyn J Presley, Janice Grandi, Chandrika Sanapala, Grace Digiovanni, Daniel Castillo, **Louise Christie Walter, Melisa L. Wong**

Abstract #: e24022

Abstract link: <https://meetinglibrary.asco.org/record/189978/abstract>

Session Type:

The benefits of an open art studio for patients with cancer: a mixed methods study.

Authors: Sam Brondfield, Cynthia Perlis

Abstract #: e24152

Abstract link: <https://meetinglibrary.asco.org/record/190023/abstract>

Session Type:

Perceptions of cancer care coordination in patient-family caregiver dyads.

Authors: Izumi Okado, Ian Pagano, Tracey Hewitt, Kelnia Azevedo, Cherie Guillermo, Erin Fukaya, Kasimira Chirieleison, Kevin Cassel, **Randall F. Holcombe**

Abstract #: e14036

Abstract link: <https://meetinglibrary.asco.org/record/187229/abstract>

Session Type:
