AACR Fellows Academy Induction/Opening Ceremony
Sunday, April 7
8:00 AM - 9:30 AM
Location: Hall GH - Ground Level - Convention Center
Inductee: Craig Crews
https://www.abstractsonline.com/pp8/#/20272/session/5

Poster Sessions

Spatial-specific gene signatures to predict immunotherapy outcomes in lung cancer
Sunday, April 7
1:30 – 5:00 PM
Location: Section 46
Thazin N. Aung and David Rimm
https://www.abstractsonline.com/pp8/#/20272/presentation/1986

Identification of SORL1 as a key regulator of chemoresistance in ovarian cancer
Sunday, April 7
1:30 pm - 5:00 pm
Location: Section 23
Miranda Mansolf, Ziyuan Jian, Fangfang Bi, Tobias M. P. Hartwich, Yang Yang-Hartwich
https://www.abstractsonline.com/pp8/#/20272/presentation/8232

Moving beyond conventional autoimmune thyroiditis autoantibodies to predict immune checkpoint inhibitor induced hypothyroidism
Sunday, April 7
1:30 pm - 5:00 pm
Location: Section 47
Kim Blenman, Ondrej Blaha, Courtney Gibson, Sherry Qiu, Holly Rushmeier
https://www.abstractsonline.com/pp8/#/20272/presentation/7225
A novel humanized mouse model recapitulates the unique TME found in patients with HIV-associated NSCLC
Sunday, April 7
1:30 pm - 5:00 pm
Location: Section 4
Melani Juric, Gabriel Kaufmann, Li Zhu, Kishu Ranjan, Kriti Agrawal, Barani Kumar Rajendran, Jyothi K. Rajashekar, Hongyu Zhao, Yuval Kluger, Brinda Emu, Kurt A. Schalper, Priti Kumar, Richard A. Flavell, Michael Chiorazzi
https://www.abstractsonline.com/pp8/#/I/20272/presentation/921

Validation of a tumor-naïve circulating tumor DNA (ctDNA) response monitoring panel in advanced non-small cell lung cancer (aNSCLC)
Sunday, April 7
1:30 pm - 5:00 pm
Location: Section 40
Anne Chiang
https://www.abstractsonline.com/pp8/#/I/20272/presentation/2283

Sex differences in cancer stemness among individuals with early onset colorectal cancer
Sunday, April 7
1:30 pm - 5:00 pm
Location: Section 10
Oladimeji Aladelokun, Kaelyn Sumigray, Sajid A. Khan, Caroline Johnson
https://www.abstractsonline.com/pp8/#/I/20272/presentation/7038

Blockade of CCL5 and CXCL10 signaling as a novel immunotherapy for epithelial ovarian cancer
Sunday, April 7
1:30 pm - 5:00 pm
Location: Section 4
Annabelle C. Lin, Jake Moscarelli, Z. Ping Lin, Elena S. Ratner
https://www.abstractsonline.com/pp8/#/I/20272/presentation/920

A Benzenesulfonamide with potential to improve chemoresponse of ovarian cancer through activation of AMPK and immunogenic cell death
Monday, April 8
9:00 am - 12:30 pm
Location: Section 27
Juhyun Kim, Nia Montero, Shefali Sharma, Miranda Mansolf, Kevin Yang, Tobias Hartwich, Yang Yang-Hartwich
https://www.abstractsonline.com/pp8/#/I/20272/presentation/6434
Persistence and dynamics of mutation, selection, and epistasis during the somatic evolution of low-risk, high-risk, and metastatic prostate cancer
Monday, April 8
9:00 am - 12:30 pm
Location: Section 12
Moein Rajaei, Alexander Yang, Christopher N. Cross, Elizabeth B. Perry, Jeffrey D. Mandell, Stephen G. Gaffney, Peter Humphrey, Jose Costa, Jeffrey P. Townsend
https://www.abstractsonline.com/pp8/#/20272/presentation/3700

The lysine demethylase KDM2A regulates tumor cell clustering to potentiate metastasis
Monday, April 8
9:00 am - 12:30 pm
Location: Section 16
Carolyn Kravitz, Kiran D. Patel, Anna Arnal-Estapé, Dejian Zhao, Emily Wingrove, Laura Stevens, Qin Yan, Don X. Nguyen
https://www.abstractsonline.com/pp8/#/20272/presentation/6578

Treatment of steroid-refractory immune checkpoint inhibitor-associated myocarditis: A case series of 18 patients
Monday, April 8
9:00 am - 12:30 pm
Location: Section 42
Ritujith Jayakrishnan, Samantha Brongiel, Darren Luon, Stephanie Halene, Jennifer Kwan

Cytokine profiles associated with ICI myocarditis using machine learning approaches identifies novel cytokines and implicated pathways
Monday, April 8
1:30 pm - 5:00 pm
Location: Section 40
Rachel Jaber Chehayeb, D. Hong, N. W. Chen, Carlos Matute-Martinez, Ritujith Jayakrishnan, Ana Ferrigno Guajardo, D. Lin, Y. Im, Stephanie Halene, Jennifer VanOudenhove, John Hwa, Alok Jha, Jennifer Kwan
https://www.abstractsonline.com/pp8/#/20272/presentation/2013

Colorectum metabolome map revealed etiological and survival heterogeneity in cancers of different subsites: Challenging the proximal versus distal classification
Monday, April 8
1:30 pm - 5:00 pm
Location: Section 20
Abhishek Jain, Caroline Johnson, Domenica Berardi, Sajid Khan, Montana Morris
https://www.abstractsonline.com/pp8/#/1/20272/presentation/2833

**Investigating mechanisms of radioresistance in TYK2 knockout head and neck cancer cells**
Monday, April 8
1:30 pm - 5:00 pm
Location: Section 12
Nicole Mayerli Constante, Vanessa Kelley, Joseph Contessa
https://www.abstractsonline.com/pp8/#/1/20272/presentation/6685

**NAPRT silencing in rhabdomyosarcoma confers therapeutic vulnerabilities to NAD+ depletion**
Monday, April 8
1:30 pm - 5:00 pm
Location: Section 11
Sophia J. Zhao, Katelyn J. Noronha, Prateek Bhardwaj, Karlie N. Lucas, Ranjini K. Sundaram, Collin D. Heer, Raffaella Morotti, Ranjit S. Bindra, Juan C. Vasquez

**NAPRT silencing in oncometabolite-producing cancers confers therapeutic vulnerabilities to NAD+ depletion**
Monday, April 8
1:30 pm - 5:00 pm
Location: Section 19
Katelyn J. Noronha, Karlie N. Lucas, Sophia J. Zhao, Joseph Edmonds, Sam Friedman, Matthew A. Murray, Samantha Liu, Sateja Paradkar, Ranjini K. Sundaram, Juan C. Vasquez, Ranjit S. Bindra
https://www.abstractsonline.com/pp8/#/1/20272/presentation/9790

**Utilizing a pH sensitive peptide (pHLIP) for antigen-directed T cell therapy**
Monday, April 8
1:30 pm - 5:00 pm
Location: Section 23
Annali M. Yurkevicz, Yanfeng Liu, Peter M. Glazer
https://www.abstractsonline.com/pp8/#/1/20272/presentation/8006

**Dihydrouridine synthase 2 sustains levels of tRNACys and prevents ferroptosis in lung cancer**
Tuesday, April 0
9:00 am – 12:30 pm
Location: Section 53
Austin Draycott, Luisa Escobar-Hoyos, Wendy Gilbert
https://www.abstractsonline.com/pp8/#/1/20272/presentation/10648
FBXW7 and BCL9L altered pathways as hallmarks of early-onset colorectal cancer
Tuesday, April 9
9:00 am - 12:30 pm
Location: Section 17
Reger Mikael, Xavier LLor, Rosa Xicola
https://www.abstractsonline.com/pp8/#!/20272/presentation/6617

Development of mRNA chimeric antigen receptor T cells targeting MET in aggressive B-cell lymphomas
Tuesday, April 9
9:00 am - 12:30 pm
Location: Section 2
Rianna Raghunandan, Markus Muschen, Samuel G. Katz
https://www.abstractsonline.com/pp8/#!/20272/presentation/6156

Role of MGMT expression in the genomic landscape and immunogenicity in human colorectal carcinomas
Tuesday, April 9
9:00 am - 12:30 pm
Location: Section 35
Barani Kumar Rajendran, Janie Zhang, Shruti Desai, Joanna Gibson, Jassim DiPalermo, Patricia LoRusso, Yong Kong, Hongyu Zhao, Michael Cecchini, Kurt Alex Schalper
https://www.abstractsonline.com/pp8/#!/20272/presentation/9302

Randomized phase II trial of imiquimod with or without 9vHPV vs observation in patients with CIN 2 and 3
Tuesday, April 9
9:00 am - 12:30 pm
Location: Section 5
Sangini S. Sheth, Stefania Bellone, Eric R. Natalia Buza, Akiko Iwasaki, Alessandro D. Santin
https://www.abstractsonline.com/pp8/#!/20272/presentation/5941

Defining the functions of the BRCA2 BRC repeats in modulating RAD51 binding and activity
Tuesday, April 9
1:30 pm - 5:00 pm
Location: Section 14
Julia R. Jensen, Ryan B. Jensen
https://www.abstractsonline.com/pp8/#!/20272/presentation/7489

The role of KMT2C in the homologous recombination repair in epithelial ovarian cancer
Tuesday, April 9
1:30 pm - 5:00 pm
Location: Section 14
Mirielle C. Ma, Z. Ping Lin, Elena S. Ratner
Targeted delivery of Exatecan to tumors via a novel cell-penetrating, anti-DNA antibody
Tuesday, April 9
1:30 pm - 5:00 pm
Location: Section 22
Zaira Ianniello, Elias Quijano, Peter M. Glazer
https://www.abstractsonline.com/pp8/#/1/20272/presentation/8142

BRCA2 reversion alleles confer PARPi resistance via homology-directed repair, not fork protection
Tuesday, April 9
1:30 pm - 5:00 pm
Location: Section 28
Ryan Jensen, Gemma Moore, Sudipta Lahiri
https://www.abstractsonline.com/pp8/#/1/20272/presentation/8660

Convection enhanced delivery of a novel ATR inhibitor synergizes with systemic lomustine for improved treatment of glioblastoma
Wednesday, April 10
9:00 am - 12:30 pm
Location: Section 22
Alexander Josowitz, Teresa Lee, Ranjini K. Sundaram, Jinal Pothupitiya, Amrita Sule, Jason Beckta, Yongheng Wang, Ranjit S. Bindra2, W. Mark Saltzman
https://www.abstractsonline.com/pp8/#/1/20272/presentation/8247

Biomarker-targeted alkylator and DNA damage repair inhibitor combination for refractory and relapsed acute myeloid leukemia (AML)
Wednesday, April 10
9:00 am - 12:30 pm
Prateek Bhardwaj, Ranjini Sundaram, Amro Baassiri, Martin Matthews, Jennifer VanOudenhove, Susan Gueble, Stephanie Halene, Ranjit Bindra
https://www.abstractsonline.com/pp8/#/1/20272/presentation/8253

Immunomodulatory and anti-tumor effect of a CCR2-targeted STING agonist iADC in human lung cancer
Wednesday, April 10
9:00 am - 12:30 pm
Location: Section 4
Angelo Porciuncula, Kurt A. Schalper
https://www.abstractsonline.com/pp8/#/1/20272/presentation/5953

Educational Sessions
Lineage Plasticity in Tumor Evolution and Acquired Resistance
Saturday, April 6
8:00 am – 9:30 am
Location:
Speaker: Katerina Politi
https://www.abstractsonline.com/pp8/#1/20272/session/507

Cancer Phylogenetics
Saturday, April 6
2:30 PM - 4:00 PM
Location:
Chairperson/Speaker: Jeffrey Townsend
https://www.abstractsonline.com/pp8/#1/20272/session/509

Optimizing engagement of latino communities to promote equity in low grade glioma genomic research
Tuesday, April 9
10:15 AM - 11:15 AM
Location: Room 2 - Upper Level - Convention Center
Speaker: Elizabeth Claus
https://www.abstractsonline.com/pp8/#1/20272/presentation/10831

Methods Workshop

Choosing and Using Antibodies for Spatial Informed Protein Expression
Saturday, April 6
12:30 PM - 2:00 PM
Location:
Chairperson/Speaker: David Rimm
https://www.abstractsonline.com/pp8/#1/20272/session/475

Choosing the Right Animal Model for Your Study
Saturday, April 6
12:30 PM - 2:00 PM
Location:
Chairperson/Speaker: Nikhil Joshi
https://www.abstractsonline.com/pp8/#1/20272/session/472

Minisymposiums

Comparative analysis of TP53 alleles in pancreatic ductal adenocarcinoma
Sunday, April 7
3:00 pm - 5:00 pm
Location: TBD
Tobacco smoke alters the adaptive landscape of lung adenocarcinoma and influences the strength of epistatic interactions
Sunday, April 7
3:00 pm - 5:00 pm
Krishna Dasari, Jorge Alfaro-Murillo, Jeffrey Townsend
https://www.abstractsonline.com/pp8/#!/20272/presentation/9169

Forum

Nutrient-stimulated hormone-based therapies for the treatment of obesity: Sparks from the pipeline
Monday, April 8
5:00 pm – 6:30 pm
Location:
Speaker: Ania M. Jastreboff
https://www.abstractsonline.com/pp8/#!/20272/presentation/724

Town Meeting

Is Cancer Evolution Key to Understanding and Strategically Applying the Multiple Cancer Early Detection (MECED) Assays?: A Cancer Evolution Working Group Town Hall Meeting
Tuesday, April 9
6:00 pm – 8:00 pm
Location
Speaker: Jeffrey Townsend
https://www.abstractsonline.com/pp8/#!/20272/session/14

Major Symposiums

FDA Center for Tobacco Products’ New Strategic Plan and Discussion with Community Leaders to Advance Progress Against Tobacco-related Illness
Monday, April 8
10:15 AM - 11:45 AM
Location: Room 5 - Upper Level - Convention Center
Panelist: Suchitra Krishnan-Sarin
https://www.abstractsonline.com/pp8/#!/20272/session/46

The Cancer Moonshot: Challenges to Fulfilling the Vision of the National Cancer Plan
Tuesday, April 9
2:30 PM - 4:00 PM
Location: Room 1 - Upper Level - Convention Center
Moderator: Roy S. Herbst
Speaker: Patricia LoRusso

https://www.abstractsonline.com/pp8/#/1/20272/session/57