

AACR 2024 | Yale Cancer Center Participation

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, Ziyang 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/#!/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/#!/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/#!/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/#!/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/#!/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

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 and Stephanie Halene

<https://www.abstractsonline.com/pp8/#!/20272/presentation/7428>

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/#!/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/#!/20272/presentation/6685>

NAPRTsilencing 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/#!/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/#!/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/#!/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 Mikaeel, 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

<https://www.abstractsonline.com/pp8/#!/20272/presentation/7492>

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/#!/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/#!/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/#!/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/#!/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/#!/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/#!/20272/session/507>

Cancer Phylogenetics

Saturday, April 6

2:30 PM - 4:00 PM

Location:

Chairperson/Speaker: Jeffrey Townsend

<https://www.abstractsonline.com/pp8/#!/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/#!/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/#!/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/#!/20272/session/472>

Minisymposiums

Comparative analysis of TP53 alleles in pancreatic ductal adenocarcinoma

Sunday, April 7

3:00 pm - 5:00 pm

Location: TBD

Andy Tang and Mandar Muzumdar

<https://www.abstractsonline.com/pp8/#!/20272/presentation/9815>

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/#!/20272/session/57>