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**AACR 2025 | Yale Cancer Center Participation**

**The Science and Art of Community Outreach and Engagement: Building Sustainable Healthy Communities**

Friday, April 25: Educational Session

3:00 pm – 4:30 pm

Location: Room S106

Chair: Sakinah C. Suttiratana

<https://www.abstractsonline.com/pp8/#!/20273/session/559>

**Exploring a partner engagement portfolio for sustained learning and community health benefits**

Friday, April 25: Educational Session

3:01 pm – 3:21 pm

Location: Room S106

Presenter: Sakinah C. Suttiratana

<https://www.abstractsonline.com/pp8/#!/20273/presentation/10174>

**Quantifying mutation and selection in cancer evolution by site, by stage, and by somatic genetic context**

Friday, April 25: Educational Session

5:15 pm – 5:35 pm

Location: Room S401

Presenter: Jeffrey Townsend

<https://www.abstractsonline.com/pp8/#!/20273/presentation/7905>

**Cancer Metastasis: Non-Genetic Drivers**

Saturday, April 26: Educational Session

8:00 am – 9:30 am

Location: Room S103

Chair: Don X. Nguyen

<https://www.abstractsonline.com/pp8/#!/20273/session/245>

**Epigenetic regulation of tumor cell clustering during metastasis**

Saturday, April 26: Educational Session

8:01 am – 8:21 am

Location: Room S103

Presenter: Don X. Nguyen

<https://www.abstractsonline.com/pp8/#!/20273/presentation/9413>

**Extrachromosomal DNA (ecDNA) in Cancer**

Saturday, April 26: Educational Session

12:00 pm – 2:00 pm

Location: Room S403

Chair: Roel Verhaak

<https://www.abstractsonline.com/pp8/#!/20273/session/244>

**Extrachromosomal DNA amplifications drive disease progression in cancer**

Saturday, April 26: Educational Session

12:31 pm – 12:55 pm

Location: Room S403

Presenter: Roel Verhaak

<https://www.abstractsonline.com/pp8/#!/20273/presentation/9349>

**Clinical Trial Design Workshop: Complexities of Current Phase I Clinical Trials**

Saturday, April 26: Methods Workshop

2:56 pm – 3:16 pm

Location: Room S102

Presenter: Michael Cecchini

<https://www.abstractsonline.com/pp8/#!/20273/presentation/5763>

**Opening Ceremony/Remarks from AACR President**

Sunday, April 27

7:45 am - 9:30 am

Location: Hall B1 - McCormick Place North (Level 3)

Speaker: Patricia LoRusso

<https://www.abstractsonline.com/pp8/#!/20273/presentation/50>

**Cancer Research at a Crossroads: Sustaining Progress Against Cancer for the Benefit of Patients**

Sunday, April 27

1:00 pm – 2:30 pm

Location: Room S100A

Speaker: Patricia LoRusso

<https://www.abstractsonline.com/pp8/#!/20273/session/153>

**Poster Sessions (April 27th 2 – 5 PM)**

**Alternative splicing reveals epigenetic subtypes in gastric cancer peritoneal metastasis**

Sunday, April 27

2:00 pm – 5:00 pm

Location: Section 4

Presenter: Raghav Sundar

<https://www.abstractsonline.com/pp8/#!/20273/presentation/4124>

**Aurora kinase A inhibition overcomes tolerance to panHER inhibitors in HPV positive HNSCC**

Sunday, April 27

2:00 pm – 5:00 pm

Location: Section 34

Presenter: Barbara Burtness

<https://www.abstractsonline.com/pp8/#!/20273/presentation/7634>

**Metabolomic and proteomic signatures of ultra-processed foods with liver cancer and liver disease**

Sunday, April 27

2:00 pm – 5:00 pm

Location: Section 41

Presenter: Longgang Zhao, Xuehong Zhang, Jiajia Zhang, Yun Chen

<https://www.abstractsonline.com/pp8/#!/20273/presentation/6878>

**Reduction of social disparities in clinical cancer feature prediction via somatic evolutionary embedding of mutational data**

Sunday, April 27

2:00 pm – 5:00 pm

Location: Section 42

Presenter: Jeffrey P. Townsend

<https://www.abstractsonline.com/pp8/#!/20273/presentation/6126>

**Quantifying selection intensity of driver genes in primary and metastatic thyroid cancer**

Sunday, April 27

2:00 pm – 5:00 pm

Location: Section 48

Presenters: Moein Rajaei, Andrew Ju, Jeffrey P. Townsend

<https://www.abstractsonline.com/pp8/#!/20273/presentation/1002>

**ADCs and Immunooncology-focused Biological Approaches**

Sunday, April 27: Minisymposium

3:00 pm – 5:00 pm

Location: Room S100 A (Grand Ballroom A)

Chair: Michael Cecchini

<https://www.abstractsonline.com/pp8/#!/20273/session/698>

**AACR-Irving Weinstein Foundation Distinguished Lectureship**

Sunday, April 27

4:00 pm – 4:45pm

Location: Room S105

Chair: Patricia LoRusso

<https://www.abstractsonline.com/pp8/#!/20273/session/25>

**Presidential Address: From ‘omics to oncology drugs: Transforming cancer care across the globe**

Sunday, April 27

5:35 pm – 6:10 pm

Location: Room S406 (Vista Ballroom)

Presenter: Patricia LoRusso

<https://www.abstractsonline.com/pp8/#!/20273/presentation/39>

**Acquired Resistance to Immunotherapies — A Cancer Immunology Working Group Town Hall and Networking Meeting**

Sunday, April 27: Town Meeting

7:40 pm – 7:55 pm

Location: Room S105

Speaker: David Braun

<https://www.abstractsonline.com/pp8/#!/20273/presentation/10721>

**Integrating digital spatial profiling and H&E images to develop predictive biomarkers for immunotherapy outcomes in triple-negative breast cancer from imputed spatial gene expression**

Monday, April 28: Poster Session

9:00 am – 12:00 pm

Location: Section 45

Presenters: Thazin Nwe Aung, Lajos Pusztai, Mark Gerstein, David L. Rimm, Jonathan H. Warrell

<https://www.abstractsonline.com/pp8/#!/20273/presentation/3253>

**Presidential Select Symposium: Leveraging Science to Reduce the Cancer Burden Worldwide**

Monday, April 28: Major Symposium

10:15 am – 12:00 pm

Location: Room S105 - McCormick Place South (Level 1)

Speaker: Patricia LoRusso

<https://www.abstractsonline.com/pp8/#!/20273/session/13>

**Epigenetic Control of Immune Evasion in Solid Tumors**

Monday, April 28: Major Symposium

10:15 am – 12:00 pm

Location: Room S100 BC (Grand Ballroom BC)

Chair: Qin Yan

<https://www.abstractsonline.com/pp8/#!/20273/session/69>

**Epigenetic Control of Immune Evasion in Solid Tumors**

Monday, April 28: Major Symposium

10:20 am – 10:40 am

Location: Room S100 BC (Grand Ballroom BC)

Speaker: Qin Yan

<https://www.abstractsonline.com/pp8/#!/20273/presentation/426>

**AACR Annual Business Meeting of Members**

Monday, April 28: Special Session

12:30 pm – 1:45 pm

Location: Room S106

Presenter: Patricia LoRusso

<https://www.abstractsonline.com/pp8/#!/20273/session/701>

**Poster Sessions (April 28th 2 – 5PM)**

**Systematic mapping of chemo-genomic interactions between DNA damaging agents and DNA damage repair genes with targeted CRISPR knockout screening**

Monday, April 28

2:00 pm – 5:00 pm

Location: Section 16

Presenters: Collin D. Heer,Susan E. Gueble, Ranjit S. Bindra, Ranjini Sundaram, Vijay Menon, Karlie Lucas, Spenser S. Johnson, James L. Elia, Xin Pei

<https://www.abstractsonline.com/pp8/#!/20273/presentation/6515>

**Characterization of tumor-neuron communication in lung adenocarcinoma brain metastasis**

Monday, April 28

2:00 pm – 5:00 pm

Location: Section 3

Presenters:Sampada Chande, Don Nguyen, Atsushi Yamasaki, Veronica Chiang, Declan McGuone

<https://www.abstractsonline.com/pp8/#!/20273/presentation/5492>

**Bidirectional glutamine transport prevents mitochondrial stress in B-cell transformation**

Monday, April 28: Minisymposium

3:25 pm – 3:40 pm

Location: Room S402

Presenters: Ruifeng Sun, Kohei Kume, Yanzhi Feng, Markus Müschen

<https://www.abstractsonline.com/pp8/#!/20273/presentation/8887>

**AACR-ASCO Joint Session: Insights in Carrier Systems, Radionuclides, and Sensitivity for Optimal Radiotheranostics/Introduction from the AACR President**

Monday, April 28: Special Session

4:45 pm – 6:15pm

Location: Room E450 A - McCormick Lakeside Center

Chair and Speaker: Patricia LoRusso

<https://www.abstractsonline.com/pp8/#!/20273/session/20>

**Is Cancer Evolution Driven by Evolutionary Genomic, Epigenomic Alterations or the Microenvironment? — A Cancer Evolution Working Group Town Hall and Networking Meeting**

Monday, April 28: Town Meeting

6:30 pm – 8:30 pm

Location: Room S104

Co-Chair: Jeffrey Townsend

<https://www.abstractsonline.com/pp8/#!/20273/session/27>

**Decoding the role of spatial tumor-immune cell interactions in cancer progression and treatment sensitivity**

Tuesday, April 29: Plenary Session

8:59 am – 9:26 am

Location: Hall B1

Presenter: Kurt Schalper

<https://www.abstractsonline.com/pp8/#!/20273/session/6>

**Clinical significance of tumor infiltrating lymphocytes and neoadjuvant chemotherapy in colorectal cancer liver metastases**

Tuesday, April 29: Poster Session

9:00 am – 12:00 pm

Location: Section 32

Presenters: Yasaman Rezaie, Kerryan Ashley, Thejal Srikumar, Jassim DiPalermo, Kurt Schalper, Michael Cecchini

<https://www.abstractsonline.com/pp8/#!/20273/presentation/5235>

**Social determinants disadvantage score and risk of liver cancer in the All of Us Research Program**

Tuesday, April 29: Poster Session

9:00 am – 12:00 pm

Location: Section 42

Presenters: David Vlahov, Yun Chen, Tamar Taddei, Xuehong Zhang

<https://www.abstractsonline.com/pp8/#!/20273/presentation/6178>

**FDA Center for Tobacco Products' (CTP) Priorities for Regulating Tobacco Products to Protect the Public Health in 2025**

Tuesday, April 29: Major Symposium

12:30 pm – 2:00 pm

Location: Room S106

Co-Moderator: Suchitra Krishnan-Sarin

<https://www.abstractsonline.com/pp8/#!/20273/session/150>

**Charting gastric cancer evolution through tumor ecosystems and metastatic pathways**

Tuesday, April 29: Advances in Organ Site Research

1:00 pm – 1:20 pm

Location: Room E450 A

Presenter: Raghav Sundar

<https://www.abstractsonline.com/pp8/#!/20273/presentation/717>

**Poster Sessions (April 29th 2 – 5PM)**

**CellPyAbility: an integrated toolkit for high-throughput cell viability assays and automated analysis**

Tuesday, April 29

2:00 pm – 5:00 pm

Location: Section 46

Presenters: James L. Elia, Sam L. Friedman, Ranjit S. Bindra

<https://www.abstractsonline.com/pp8/#!/20273/presentation/3518>

**Datopotomab deruxtecan (Dato-DXd), a TROP2 directed antibody-drug conjugate, demonstrates remarkable antitumor activity in uterine serous carcinoma**

Tuesday, April 29

2:00 pm – 5:00 pm

Location: Section 21

Presenters: Michelle Greenman, Cem Demirkiran, Stefania Bellone, Tobias Hartwich, Blair McNamara, Victoria Ettorre, Niccolo G. Santin, Namrata Sethi, Luca Palmieri, Yang Yang-Hartwich, Katyayani Papatla, Elena Ratner, Alessandro D. Santin

<https://www.abstractsonline.com/pp8/#!/20273/presentation/7329>

**Sex-specific differences in response to exogenous asparagine supplementation during colorectal tumor growth is dependent on aromatase activity**

Tuesday, April 29

2:00 pm – 5:00 pm

Location: Section 12

Presenters: Oladimeji Aladelokun, Katherine Benitez, Yuying Wang,Abhishek Jain, Xinyi Shen, Domenica Berardi, Joanna Gibson, Kaelyn Sumigray, Sajid A. Khan, Caroline H. Johnson

<https://www.abstractsonline.com/pp8/#!/20273/presentation/4234>

**A zinc transporter drives pancreatic cancer cachexia via the crosstalk between tumor cells and immune microenvironment**

Tuesday, April 29

2:00 pm – 5:00 pm

Location: Section 6

Presenters: Zhijun Zhou, Mingyang Liu, Jingxuan Yang, Yang Cai, Wenyi Luo, Lei Zhang, Min Li

<https://www.abstractsonline.com/pp8/#!/20273/presentation/5553>

**Adoptive Cell Therapies**

Tuesday, April 29: Minisymposium

2:30 pm – 4:30 pm

Location: Arie Crown Theater

Co-Chair: Sidi Chen

<https://www.abstractsonline.com/pp8/#!/20273/session/268>

**Epigenetic Regulation and Its Impact on Drug Response, Disease Pathogenesis, and Outcomes Across Pediatric and Adult Cancers**

Tuesday, April 29: Minisymposium

2:30 pm – 4:30 pm

Location: Room E350

Co-Chair: Nita Ahuja

<https://www.abstractsonline.com/pp8/#!/20273/session/272>

**Prostate cancer exploits neurolysin to modulate the tumor microenvironment and therapy resistance via KIF11-mediated WNT secretion**

Tuesday, April 29: Minisymposium

2:55 pm – 3:10 pm

Location: Room E351

Presenters: Ping Mu, Choushi Wang, Xiaoling Li, Su Deng

<https://www.abstractsonline.com/pp8/#!/20273/presentation/8891>

**Next-generation ADCs: precise delivery of exatecan to tumor nuclei by targeting the tumor microenvironment with an anti-DNA cell-penetrating antibody**

Tuesday, April 29: Minisymposium

3:35 pm – 3:40 pm

Location: Room S102

Presenters: Zaira Ianniello, Denise Hegan, Zhiyuan Shen, Peter Glazer

<https://www.abstractsonline.com/pp8/#!/20273/presentation/2808>

**NAPRT expression and epigenetic regulation in pediatric rhabdomyosarcoma as a potential biomarker for NAMPT inhibition**

Tuesday, April 29: Plenary Session

4:10 pm – 4:20 pm

Location: Room E350

Presenters: Angela Kim, Prateek Bhardwaj, Karlie N. Lucas, Collin D. Heer, Raffaella Morotti, Ranjini K. Sundaram, Wenyue Sun, Juan C. Vasquez

<https://www.abstractsonline.com/pp8/#!/20273/presentation/2483>

**New insights into EGFR-driven lung adenocarcinoma**

Tuesday, April 29: Meet the Expert

5:00 pm – 5:45 pm

Location: Room S102

Presenter: Katerina Politi

<https://www.abstractsonline.com/pp8/#!/20273/presentation/9737>

**lluminating oncology drug development using advanced molecular biomarkers**

Tuesday, April 29: Special Session

5:26 pm – 5:38 pm

Location: Room S100 A

Presenter: Kurt Schalper

<https://www.abstractsonline.com/pp8/#!/20273/presentation/9514>

**Evolutionary trajectories inferred by selective epistasis and phylogenetic analysis reveal the malignant progression of intraductal papillary mucinous neoplasms to pancreatic ductal adenocarcinoma**

Wednesday, April 30: Poster Session

9:00 am – 12:00 pm

Location: Section 46

Presenters: Derek C. Song, Nic Fisk, Jeffrey D. Mandell, Luisa Escobar-Hoyos, Leanne Brown, Lu Qiao, John W. Kunstman, Jeffrey P. Townsend

<https://www.abstractsonline.com/pp8/#!/20273/presentation/3509>

**Association between circulating B cell subtypes and treatment response in patients with metastatic renal cell carcinoma (mRCC)**

Wednesday, April 30: Poster Session

9:00 am – 12:00 pm

Location: Section 32

Presenters: Zeynep B. Zengin, Luis Meza, Jeremy Hall, Regina Barragan-Carrillo, Joann Hsu, Daniella Castro, Benjamin Mercier, Peter Lee

<https://www.abstractsonline.com/pp8/#!/20273/presentation/4831>