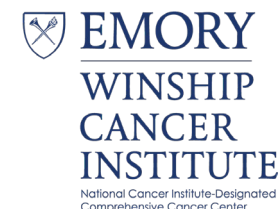


# AACR Annual Meeting, April 25-30, 2025

Presentation schedule for Winship Cancer Institute of Emory University faculty and trainees



## Friday, April 25, 2025

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## Saturday, April 26, 2025

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## Sunday, April 27, 2025

Time	Location	Type	Session	Presenter	Title
2:00 PM - 5:00 PM	Section 6	Poster Session	The Structural Tumor Microenvironment and Integrin Interactions in Cancer	Raaven Goffe, MPH	<a href="#">Myosin 10 suppresses integrin <math>\beta 4</math> expression and drives invasive force generation in Non-small cell lung cancer leader cells</a>
2:00 PM - 5:00 PM	Section 19	Poster Session	Drug Resistance in Molecular Targeted Therapies 1	Yesim Gokmen-Polar, PhD	<a href="#">Spatial transcriptomic analysis of breast cancer patients with early and late progression of disease after endocrine and CDK4/6 treatments: deconvoluting the tumor microenvironment</a>
2:00 PM - 5:00 PM	Section 23	Poster Session	Repurposing New and Existing Drugs for Cancer Treatment	Marybeth G. Yonk	<a href="#">Drug repurposing via ultra-high throughput 3D spheroids screening in rare cancer treatment</a>
2:00 PM - 5:00 PM	Section 28	Poster Session	Combination Immunotherapies	Yong Teng, PhD	<a href="#">Enhancing antitumor immunity by inducing PANoptosis using a new generation of vesicular stomatitis virus</a>
2:00 PM - 5:00 PM	Section 30	Poster Session	Precision Medicine in Pediatric Cancer	Jinbing Bai, PhD, RN, FAAN	<a href="#">Gut microbiome, physical activity and cognitive dysfunction among childhood brain tumor survivors</a>

2:00 PM - 5:00 PM	Section 41	Poster Session	Bridging Gaps in Cancer Care: Disparities, Social Determinants, Innovations, and Strategies	Garrett W. Cooper	SMARCB1 missense mutants destabilize SWI/SNF complex stability and remodeling activity
3:00 PM - 5:00 PM	Room E353 C - McCormick Lakeside Center (Level 3)	Minisymposium	Advancing the Science of Childhood Cancers: From Bench to Bedside	Sharon Castellino, MD, MSc (co-chair)	
4:05 PM - 4:20 PM	Room S106 - McCormick Place South (Level 1)	Minisymposium	The Stromal-Immune Interplay in Cancer Progression	Zihan Chen	Sexual dimorphism in macrophage phagocytosis limits immune checkpoint inhibitor efficacy in pancreatic ductal adenocarcinoma

## Monday, April 28, 2025

Time	Location	Type	Session	Presenter	Title
9:00 AM - 12:00 PM	Section 5	Poster Session	Novel Therapeutic Targets for Metastasis	Yong Teng, PhD	Lung-specific CRISPR/Cas9 delivery using sulfonium lipid nanoparticles effectively suppresses lung metastases by targeting ATAD3A
9:00 AM - 12:00 PM	Section 12	Poster Session	Genome Maintenance: Mechanisms and Novel Therapeutics	Jiaxuan Hu, PhD	Inhibition of protein myristoylation sensitizes pancreatic cancer cells to DNA damage agents
9:00 AM - 12:00 PM	Section 12	Poster Session	Genome Maintenance: Mechanisms and Novel Therapeutics	Seohyun Kim	Enhancing radiation sensitivity in CHD5 dysregulated NSCLC by targeting NHEJ repair pathway
2:00 PM - 5:00 PM	Section 37	Poster Session	Local Treatments, Novel Tools, and Delivery Systems to Manipulate Tumor Immunity	Dan Yan, PhD	MERTK inhibition regulates tumor-associated myeloid cell phenotypes and potentiates host-versus-lung cancer immunity
9:00 AM - 12:00 PM	Section 38	Poster Session	Modulation of Tumor Microenvironment: Enhancing Immunogenicity and Counteracting Suppression	Yong Teng, PhD	Inhibition of the tumor cell TCA cycle suppresses ER stress-associated THBS2 to selectively potentiate antitumor response of CD36+ effector T cells

9:00 AM - 12:00 PM	Section 40	Poster Session	Cancer Disparities in Behavioral, Psychological, Psychosocial, and Molecular Factors	Lindsay Jane Collin, PhD, MPH	CA125 levels as a proxy for residual disease in a diverse cohort of epithelial ovarian cancer patients: results from the Kaiser Permanente Research on Ovarian Cancer Survival (KPROCS) study
9:00 AM - 12:00 PM	Section 40	Poster Session	Cancer Disparities in Behavioral, Psychological, Psychosocial, and Molecular Factors	Ying Wang, PhD	Sustained adherence to the American Cancer Society guideline for diet and physical activity for cancer prevention and 8-year all cancer risk: an emulated target trial in the Cancer Prevention Study-II Nutrition Cohort
9:00 AM - 12:00 PM	Section 49	Poster Session	Phase 0 and Phase I Clinical Trials	Nicole Schmitt, MD, FACS	Early-phase trial of IAP antagonist tolinapant and definitive radiation in cisplatin-ineligible patients with previously untreated, locally advanced head and neck cancer
2:30 PM - 4:30 PM	Room E450 A - McCormick Lakeside Center (Level 4)	Minisymposium	<a href="#">Molecular Underpinnings of Metastasis</a>	Adam Marcus, PhD (co-chair)	
12:55 PM - 1:10 PM	Room S105 - McCormick Place South (Level 1)	Major Symposium	Immunometabolism and Metabolic Fitness in Tumors	Chrystal Paulos, PhD (speaker)	<a href="#">Enhancing antitumor T cell metabolism through REXO2: Unleashing the full potential of adoptive cell therapy</a>
2:30 PM - 4:30 PM	Room S402 - McCormick Place South (Level 4)	Minisymposium	<a href="#">Cutting-Edge Advances in Hematology: CAR-T Therapy, B-cell Transformation, Leukemia Mechanisms, and Targeted Drug Development</a>	Sarwish Rafiq, PhD	
5:00 PM - 5:45 PM	Room S106 - McCormick Place South (Level 1)	Awards and Lectures	3488 / 27 - MERTK inhibit	Jason Yustein, MD, PhD (chair)	<a href="#">AACR-St. Baldrick's Foundation Award for Outstanding Achievement in Pediatric Cancer Research</a>

## Tuesday, April 29, 2025

Time	Location	Type	Session	Presenter	Title
9:00 AM - 12:00 PM	Section 5	Poster Session	Pediatric Cancer Models	Yongdong Su, PhD, MS	<a href="#">FGF8 promotes non-canonical KRAS/MAPK pathway in favorable histology Wilms tumor</a>
9:00 AM - 12:00 PM	Section 12	Poster Session	Kinases/Phosphatases, Ubiquitin, and Ubiquitin-like Proteins	Mingli Liu, MD, PhD, MSCR	<a href="#">TRIM21 functions as an oncogene in glioblastoma by transactivating FOSL1 and promoting the ubiquitination of p27</a>
9:00 AM - 12:00 PM	Section 15	Poster Session	DNA Damage Response and Modulation of DNA Repair 2	Zhen Shu, PhD	<a href="#">PD-L1 promotes DNA double-strand-break repair and radioresistance in cancer</a>
9:00 AM - 12:00 PM	Section 26	Poster Session	Proteomic Biomarkers and Therapeutics	Kevin Li	<a href="#">Inhibition of OTUD4/CD73 proteolytic axis by novel small molecule inhibitor ST80 reinvigorates tumor immune response</a>
9:00 AM - 12:00 PM	Section 42	Poster Session	Environmental, Social, and Biological Determinants of Cancer Risk and Survival	Hyuna Sung, PhD	<a href="#">Associations of smoking with the risk of second primary cancer in adults with a history of various cancer types</a>
12:30 PM - 2:00 PM	Room E450 B - McCormick Lakeside Center (Level 4)	Major Symposium	Developmental Origins of Childhood Cancer	Philip Lupo, PhD	<a href="#">Epidemiologic and genomic insights into the overlap between development and childhood cancer</a>
2:00 PM - 5:00 PM	Section 3	Poster Session	Mouse Models of Cancer and Mechanisms	Hongshun Shi, MD, PhD	<a href="#">CXCR7 mediates an immune-suppressive tumor microenvironment and promotes prostate cancer progression</a>
2:00 PM - 5:00 PM	Section 30	Poster Session	Inflammation, Immunity, and Cancer	Kayla Robinson	<a href="#">The gut microbiota from vasoactive intestinal peptide knock-out mice confers resistance to the growth of leukemia in wild-type mice</a>
2:00 PM - 5:00 PM	Section 31	Poster Session	Liquid Biopsy: Circulating Nucleic Acids 3	Andrea Moffitt, PhD	<a href="#">Personalized detection of circulating cell-free tumor DNA in gynecologic cancer</a>

## Wednesday, April 30, 2025

Time	Location	Type	Session	Presenter	Title
9:00 AM - 12:00 PM	Section 5	Poster Session	The Soil Matters: Tumor Microenvironment Complexity and Targeting	Tarralyn Clark	Tumor microenvironment of previously irradiated recurrent head and neck squamous cell carcinoma in humans
9:00 AM - 12:00 PM	Section 23	Poster Session	Novel Targets and Pathways	Zhen Chen, PhD	c-Myc inhibition through targeting MMK3 and c-Myc interaction overcomes acquired resistance to third generation EGFR inhibitors in the treatment of EGFR mutant lung cancer
9:00 AM - 12:00 PM	Section 34	Poster Session	Molecular Genetics and Epigenetics of Tumors	Annette Prah	Comparison of clinical next generation sequencing and whole genome sequencing for acute myeloid leukemia characterization and classification
9:00 AM - 12:00 PM	Section 35	Poster Session	Targeted Therapies and Combinations 4	Qi Chu, MBP	Targeting EZH2 in castration-resistance prostate cancer using a novel PROTAC
9:00 AM - 12:00 PM	Section 43	Poster Session	Genetic and Environmental Determinants of Risk and Screening Methods	Clara Bodelon, PhD, MS	Polygenic risk scores and risk of second cancers among older adult cancer survivors
9:00 AM - 12:00 PM	Section 54	Poster Session	Late-Breaking Research: Tumor Biology 3	Carlos Moreno, PhD	Visium-HD spatial RNAseq analysis of aggressive prostatic adenocarcinoma identifies distinct RNA signatures in metastatic and non-metastatic disease