

Ludwig Cancer Research AACR Annual Meeting 2022 Presentations

Session date	Session title	Session type	Presentation title	Ludwig location	Scientist name	Session time (U.S. CST)
4/9/22	Session ED017 - Novel Strategies to Target Cell Cycle and Transcriptional Cyclin-Dependent Kinases	Educational session	Overcoming CDK4/6 inhibitor resistance: Targeting CDK2 and CDK6	Ludwig Harvard	Geoffrey Shapiro (also session chair)	8:30 AM - 8:50 AM
4/9/22	Session ED038 - Single Cell Biology in Scale and Spatial Genomics	Educational session	Single cell analysis of epigenome in normal and tumor tissues	Ludwig San Diego	Bing Ren	10:30 AM - 10:50 AM
4/9/22	Session ED018 - Drug Resistance: Challenges and Prospects	Educational session	Mechanisms of combination cancer therapy in overcoming intrinsic and acquired drug resistance	Ludwig Harvard	Peter Sorger	11:00 AM - 11:20 AM
4/9/22	SESSION ED038 - Single Cell Biology in Scale and Spatial Genomics	Educational session	Decoding spatially-resolved tumor microenvironments at single-cell resolution and massive scale	Ludwig Stanford	Aaron Newman	11:00 AM - 11:20 AM
4/9/22	Session ED037 - Roles of RNA in Cancer and Cancer Therapies	Educational session	RNA methylation in cancer	Ludwig Chicago	Chuan He (also session chair)	12:30 PM - 12:50 PM
4/9/22	Session MW013 - Molecular Glues for Targeted Protein Degradation and Beyond	Methods workshop	Omics approach to Drug Discovery	Ludwig Harvard	Liron Bar-Peled	1:30 PM - 1:50 PM
4/9/22	Session ED004 - Diet and Lifestyle Risks for Cancer	Educational session	Reducing cancers by limiting certain amino acids in diets	Scientific Advisory Committee	Karen Vousden	3:00 PM - 3:20 PM
4/10/22	Session ME48 - Improving Treatment of Primary and Metastatic Brain Tumors: Emerging Strategies	Meet-the-expert session	Improving treatment of primary and metastatic brain tumors: Emerging strategies	Ludwig Harvard	Rakesh Jain	7:00 AM - 7:45 AM
4/10/22	Session PL02 - Opening Plenary Session: Decoding Cancer Complexity, Integrating Science, Transforming Patient Outcomes	Plenary session	Quantitative approaches to tumor evolution and therapeutic resistance	Ludwig Harvard	Franziska Michor	9:45 AM - 10:10 AM
4/10/22	Session PL02 - Opening Plenary Session: Decoding Cancer Complexity, Integrating Science, Transforming Patient Outcomes	Plenary session	The role of metabolites and diet in anti-tumor immunity	Ludwig Harvard	Marcia Haigis	10:35 AM - 11:00 AM
4/10/22	Session PL02 - Opening Plenary Session: Decoding Cancer Complexity, Integrating Science, Transforming Patient Outcomes	Plenary session	Multi-cancer early detection: Opportunity and challenges	Ludwig Johns Hopkins	Nickolas Papadopoulos	11:00 AM - 11:25 AM
4/10/22	CTPL01 - Clinical Trials of Cellular Immunotherapies	Clinical Trials Plenary Session	CT001 - Major tumor regressions in H3K27M-mutated diffuse midline glioma (DMG) following sequential intravenous (IV) and intracerebroventricular (ICV) delivery of GD2-CAR T cells	Ludwig Stanford	Robbie Majzner (non-Ludwig presenter) co-leaders of study Michelle Monje and Crystal Mackall	1:02 PM - 1:17 PM
4/10/22	Session MS.MCB04.01 - Transcription Factors in Cancer	Minisymposium	Bi-directional crosstalk between the HIF and AHR transcription factors in clear cell kidney cancer	Ludwig Oxford	Véronique Lafleur, postdoc in Peter Ratcliffe's lab (co-PI: David Mole)	3:35 PM - 3:50 PM
4/10/22	Session MS.ET03.01 - Elucidating Disease Biology and Drug Resistance Mechanisms	Minisymposium	657 - Impact of therapy induced APOBEC3A mutagenesis on tumor evolution in non small cell lung cancer	Ludwig Harvard	Hideko Isozaki, postdoc in Aaron Hata lab	3:50 PM - 4:05 PM
4/11/22	Session SY28 - Predictive Biomarkers for Precision Radiation Oncology	Major symposium	Integrated molecular subtyping to personalize radiation therapy for oligometastatic disease	Ludwig Chicago	Sean Pitroda	10:20 AM - 10:40 AM
4/11/22	Session AOS06 - Gastric Cancer: From Biology to Therapy	Advances in organ site research	Turning back TIME (tissue immune microenvironment) before gastric cancer	Scientific Advisory Committee	Juanita Merchant	10:20 AM - 10:40 AM
4/11/22	Session SY02 - The Shape-Shifting Cancer Genome	Major symposium	A mechanism for breakage of chromosomes in the cytoplasm	Ludwig Harvard	David Pellman (also session chair)	10:20 AM - 10:40 AM
4/11/22	Session SY13 - Epigenetics, Chromatin Architecture, and Gene Regulation: Mechanisms and Therapeutic Opportunities in Cancer	Major symposium	Epigenetic regulation in immuno-oncology	Ludwig Oxford	Yang Shi	11:10 AM - 11:30 AM

4/11/22	Session SY04 - Epigenetic Alterations as Cancer Therapeutic Targets	Major symposium	Suppression of tumor intrinsic immunogenicity by Setdb1	Ludwig Harvard	Bradley Bernstein (also session chair)	12:55 PM - 1:12 PM
4/11/22	Session AOS10 - Advances in Ovarian Cancer Screening and Treatment	Advances in organ site research	Early detection of ovarian and other cancers using cell-free DNA fragmentomes	Scientific Advisory Committee	Victor Velculescu	12:57 PM - 1:15 PM
4/11/22	Session SY04 - Epigenetic Alterations as Cancer Therapeutic Targets	Major symposium	Identification of SIRT1 as a novel therapeutic target in T-ALL	Ludwig Princeton	Daniel Herranz	1:15 PM - 1:29 PM
4/11/22	Session SY26 - CAR T cells for Solid Tumors: Bullish or Bearish?	Major symposium	CAR T cells for Solid Tumors: Charting a Path Forward	Ludwig Stanford	Crystal Mackall (also session chair)	1:25 PM - 1:45 PM
4/11/22	Session MS.TB01.01 - Next-Gen Genetically Engineered Mouse Models	Minisymposium	2194 - Rapid interrogation of colon cancer driver genes in vivo using split Cre and CRISPR-Cas9	Ludwig MIT	Daniel Zhang (undergraduate researcher in Tyler Jacks lab)	2:35 PM - 2:50 PM
4/11/22	Session SS01 - AACR-JCA Joint Session on Organoids: Tumor Cells, Microenvironments, and Beyond	Special session	Building function and complexity into cancer organoid models	Ludwig Stanford	Calvin Kuo	2:35 PM - 3:00 PM
4/11/22	Session MS.MCB08.01 - Cancer Metabolism	Minisymposium	2177 - Myeloid-derived arginase depletes microenvironmental arginine in PDAC tumors and leads to activation of arginine de novo biosynthesis in cancer cells	Ludwig Chicago	Juan Apiz-Saab, in Alex Muir lab	3:20 PM - 3:35 PM
4/11/22	Session MS.ET04.01 - Biomarkers, Models, and Mechanisms	Minisymposium	2150 - LKB1 loss rewires JNK-induced apoptotic protein dynamics through NUAKs and sensitizes KRAS-mutant non-small cell lung cancers to combined KRAS G12C + MCL-1 blockade	Ludwig Harvard	Chendi Li, postdoc in Aaron Hata lab	3:35 PM - 3:50 PM
4/11/22	PAS07 - Productive Peer Review: Improving Science while Avoiding Pitfalls	Professional and career advancement sessions	Interactive discussion	Ludwig Institute for Cancer Research	Chi Van Dang (moderator)	5:30 PM - 7:00 PM
4/12/22	Session PL04 - Precision Medicine for Immuno-Oncology and the Promise for the Future	Plenary session	Germline and microbiome variants impact immunotherapy efficacy through modulation of myeloid cells	Ludwig Chicago	Thomas Gajewski	9:00 AM - 9:25 AM
4/12/22	Session SY25 - Metabolic and Nutritional Regulation of Cancer and Immunity	Major symposium	The influence of environmental factors on tumor growth	Ludwig MIT	Matthew Vander Heiden	10:20 AM - 10:38 AM
4/13/22	Session SY37 - Bone Metastasis	Major symposium	Tumor-stromal crosstalk in bone metastasis	Ludwig Princeton	Yibin Kang (also session chair)	11:10 AM - 11:30 AM
4/13/22	Session APRV02 - Can Precancer Early Detection Become a Reality?	Advances in prevention research	Liquid biopsies for the detection of precancerous lesions. Will a universal test work?	Ludwig Johns Hopkins	Nickolas Papadopoulos (also session chair)	11:10 AM - 11:30 AM
4/12/22	Session SY08 - Liquid Biopsy: From Discovery to Clinical Application	Major symposium	Clinical relevance of cell-free DNA fragmentomes for cancer detection and monitoring	Scientific Advisory Committee	Victor Velculescu	1:25 PM - 1:45 PM
4/12/22	Session SY23 - Extracellular Matrix Remodeling in Cancer	Major symposium	How can we exploit ECM changes to target tumors?	Ludwig MIT	Richard Hynes	1:38 PM - 1:56 PM
4/12/22	Session FO03 - Oligometastatic Disease.	Forum	Introduction (Ralph is chairing and moderating)	Ludwig Chicago	Ralph Weichselbaum	5:00 PM - 5:10 PM