

Ludwig Cancer Research Presence at the Virtual AACR Annual Meeting April 9-14, 2021

| AACR 2021 ANNUAL MEETING - PANEL SESSIONS | | | | | |
|--|---|--|----------------------------|-----------------------------------|--------------------------|
| Session Date | Session Title | Presentation Title | Ludwig Location | Scientist | Session Time |
| 9-Apr | Mechanistic aspects of immunotherapy efficacy versus resistance | N/A | Ludwig Chicago | Thomas Gajewski | 12:05 AM - 11:59 PM EST |
| 9-Apr | Alternative DNA Repair Pathways and Their Drug Targets | Targeting alternative pathways to overcome PARP inhibitor resistance | Ludwig Harvard | Alan D'Andrea | 12:05 AM - 11:59 PM EST |
| 10-Apr | Discovery Science Plenary: Mechanisms, Impact, and Exploitation of Cancer Chromosomal Instability | Mechanisms driving the rapid evolution of cancer genomes | Ludwig Harvard | David Pellman | 9:38 AM - 10:00 AM EST |
| 10-Apr | Integrative Data Analysis and Systems Modeling | Temporal and spatial topography of cell proliferation in cancer | Ludwig Harvard | Sandro Santagata and Peter Sorger | 4:50 PM - 5:00 PM EST |
| 11-Apr | Opening Plenary Session: Discovery Science Driving Clinical Breakthroughs | Paired presentation - Food for thought: A conversation about the role of diet in cancer | Ludwig MIT | Matthew Vander Heiden | 10:47 AM - 11:09 AM EST |
| 11-Apr | Clinical Trials with Novel Immuno-oncology Strategies | GD2 CAR T cells mediate clinical activity and manageable toxicity in children and young adults with DIPG and H3K27M-mutated diffuse midline gliomas | Ludwig Stanford | Michelle Monje | 4:05 PM- 4:15 PM EST |
| 11-Apr | Metabolic Pathways in Cancer | Fatty acid synthesis is required for breast cancer brain metastasis | Ludwig Harvard | Rakesh Jain | 3:20 PM – 3:30PM EST |
| 11-Apr | Developing and Applying Preclinical Cancer Models | Highly multiplexed, spatially resolved tissue imaging of genetically engineered mouse models of cancer to discover and characterize immune regulators of tumorigenesis | Ludwig Harvard | Sandro Santagata & Peter Sorger | 2:35 PM - 2:45 PM EST |
| 13-Apr | Patient-Derived Models for Cancer | Use of PDX models for preclinical cancer therapy studies | Ludwig Harvard | Joan Brugge | 4:30 PM - 6:00 PM EST |
| 13-Apr | Pathways to Early Detection of Pancreatic Cancer | N/A | Ludwig John Hopkins | Nickolas Papadopoulos | 3:30 PM – 4:00 PM EST |
| 14-Apr | Are There Cancer Stem Cells? | N/A | Ludwig Stanford | Irv Weissman | 4:30 PM - 6:00 PM EST |
| 14-Apr | Cancer Research | Meet the Editor | Ludwig Scientific Director | Chi Van Dang | 2:00 PM - 2:30 PM EST |
| 15-Apr | Options and Opportunities for Treating Metastasis | Oligometastasis: Biologic basis and therapeutic opportunities | Ludwig Chicago | Ralph Weichselbaum | 11:30 AM – 12:00 PM EST |
| 15-Apr | Mobilizing antitumor immunity | Dharma Master Jiantai Symposium in Targeted Therapy: New Combinations of Targeted Therapies | Ludwig Lausanne | George Coukos | 10:00 AM – 10:30 PM EST |
| 16-Apr | Cancer Immunometabolism | What Tregs eat makes them strong but vulnerable: Metabolic targeting of intramural Tregs for cancer treatment | Ludwig Lausanne | Ping-Chi Ho | 11:30 AM to 12:00 PM EST |
| AACR 2021 ANNUAL MEETING - POSTER SESSIONS | | | | | |
| 10-Apr | Immune Cells in the Tumor Microenvironment | Hypoxia-induced lactate production by tumor-associated macrophages promote tumorigenesis | Ludwig Chicago | Lev Becker | 8:30 AM -11:59 PM EST |
| 10-Apr | Clinical Prevention, Early Detection, and Interception | Mutational landscape of the bronchial epithelium of individuals at high risk for lung cancer | Ludwig Stanford | Maximilian Diehn | 8:30 AM - 11:59 PM EST |
| 10-Apr | Novel Assay Technology | Identification of efficacious treatment for glioblastoma (GBM) by applying computational drug sensitivity imputation to novel GBM avatars and GBM clinical datasets | Ludwig San Diego | Frank Furnari | 8:30 AM - 11:59 PM EST |
| 10-Apr | Invasion and Metastasis 1 | Implantable and insertable miniature dual-axis confocal (DAC) microscope to detect epithelial-mesenchymal transition (EMT) in the breast cancer microenvironment | Ludwig MIT | Frank Gertler | 8:30 AM - 11:59 PM EST |
| 10-Apr | Immune Mechanisms Invoked by Therapies | Co-targeting distinct hallmark capabilities for therapeutic benefit in pre-clinical GBM model | Ludwig Lausanne | Douglas Hanahan | 8:30 AM - 11:59 PM EST |
| 10-Apr | Tumor Suppressor Genes | Smad4 inactivation promotes lineage-specific transformation and early metastatic features in the lung | Ludwig MIT | Tyler Jacks | 8:30 AM - 11:59 PM EST |
| 10-Apr | Modifiers of the Tumor Microenvironment | Combination of cyclophosphamide chemotherapy with immune modulation overcomes resistance to checkpoint blockade in a pre-clinical melanoma model | Ludwig MSK | Taha Merghoub | 8:30 AM - 11:59 PM EST |
| 10-Apr | Angiogenesis | Lineage plasticity in small cell lung cancer generates non- neuroendocrine cells primed for vascular mimicry | Ludwig MIT | Julien Sage | 8:30 AM - 11:59 PM EST |
| 10-Apr | Gene Expression | Oscillating p53 temporal dynamics enable proliferative recovery of cells following DNA damage | Ludwig Harvard | Galit Lahav | 8:30 AM - 11:59 PM |
| 10-Apr | Immune Checkpoints | Rapid highly multiplexed immunoprofiling of human fixed tissues by Orion imaging | Ludwig Harvard | Sandro Santagata & Peter Sorger | 8:30 AM - 11:59 PM |
| 10-Apr | Oncogenic Pathway-Mediated Regulation of Inflammation and Tumor Immunity | Phenogenomic characterization of immunomodulatory purinergic signaling in glioblastoma | Ludwig Harvard | Sandro Santagata & Peter Sorger | 8:30 AM - 11:59 PM |
| 10-Apr | Immune Cells in the Tumor Microenvironment | Single-cell tumor-immune microenvironment of BRCA1/2 mutated high-grade serous ovarian cancer | Ludwig Harvard | Sandro Santagata & Peter Sorger | 8:30 AM - 11:59 PM |
| 10-Apr | DNA Damage and Repair | TRIP13 amplification confers PARP inhibitor resistance and polymerase theta inhibitor sensitivity | Ludwig Harvard | Alan D'Andrea | 8:30 AM - 11:59 PM |
| 10-Apr | Regulation of Gene Expression in Drug Resistance | SWI/SNF chromatin remodeling complex regulation of YAP-dependent enhancers drives therapeutic resistance in triple-negative breast cancer | Ludwig Harvard | Myles Brown and Alex Tokor | 8:30 AM - 11:59 PM |