



OCTOBER 4-6, 2022

# CANCER RESEARCH & IMMUNO-ONCOLOGY WEEK

VIRTUAL EVENT SERIES

Date	Time	Track	Presentation Title	Speaker
4-Oct	06:00 - 07:00 AM		Advances in Targeted Sequencing: Accelerate your NGS Workflows with New QIAseq Chemistry	Krishna Amin Associate Director Global Product Management, Targeted Genomics, QIAGEN
4-Oct	07:30 - 08:30 AM	Cancer Research	The Invasive Niche of Basal Cell Carcinoma as Revealed by Integrated Multi-Omics with Live Q&A	Laura Yerly PhD Candidate, Lausanne University Hospital CHUV, Laboratory of François Kuonen, MD, PD-MER, PhD
4-Oct	09:00 - 10:00 AM	Cancer Research	Keynote Presentation: Artificial Intelligence for Medical Imaging with Live Q&A	Hugo Aerts, PhD Director, Artificial Intelligence in Medicine (AIM) Program, Associate Professor, Harvard University
4-Oct	10:30 - 11:30 AM	Cancer Research	Clinical Impact of Genomic and Genetic Data Disparity	Yan Asmann, PhD Consultant, Associate Chair of Academic Affairs and Faculty development, Dept. of Quantitative Health Sciences, Associate Professor, Biomedical Informatics, Mayo Clinic College of Medicine
4-Oct	12:00 - 01:00 PM	Cancer Research	Overcoming the Challenges of Accuracy and Detection in Molecular Assays	Peter Holden, PhD Senior Business Development Manager, Molecular Diagnostics, Licensing and Commercial Supply-UK, Ireland and Nordics
4-Oct	01:30 - 02:30 PM	Cancer Research	Genomic Biomarker for Predicting Response in Early Breast Cancer Patients	Maggie Cheang, Ph.D. Team Leader of Integrative Genomic Analysis in Clinical Trials, The Institute of Cancer Research, London UK
4-Oct	06:00 - 06:00 AM	Cancer Research	Artificial Intelligence: Unveiling New Opportunities in Cancer Research	Martha Hernández Scientist, CloudLIMS.com

4-Oct	06:00 - 06:00 AM	Novel Targeted Therapies in Cancer	Combined Inhibition of the Ras Pathway and Autophagy as a Treatment Approach for Pancreatic Cancer	Kirsten L. Bryant, PhD Assistant Professor, Department of Pharmacology, Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill
4-Oct	06:00 - 06:00 AM	Cancer Research	Exosomes as a Platform for Clinical Diagnostics	Jason M. Alter, PhD Head of Clinical & Scientific Affairs, Exosome Diagnostics, a Bio-Techne Brand
4-Oct	06:00 - 06:00 AM	Cancer Resarch	Gene Regulatory Networks and Individual-Specific Regulatory Disruptions	Des Weighill, PhD Postdoctoral Research Associate, Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill
4-Oct	06:00 - 06:00 AM	Cancer Research	How Racially Distinct Genetic Differences May Influence Pancreatic Neuroendocrine Care	J. Bart Rose, MD Assistant Professor, Department of Surgery, Division of Surgery Oncology, University of Alabama at Birmingham
4-Oct	06:00 - 06:00 AM	Cancer Research	Non-Coding Aberrations in Mismatch Repair Genes Underlie a Substantial Part of the Missing Heritability in Lynch Syndrome	Richarda De Voer, PhD Assistant Professor, Cancer Genomics
4-Oct	06:00 - 06:00 AM	Cancer Research	Spatial Cellular Networks from Omics Data	Michael Altenbuchinger, PhD Professor, Department of Medical Bioinformatics, University Medical Center Göttingen
5-Oct	07:30 - 08:30 AM		Panel Presentation: Combining Expert-Curation with Scientific Innovation in a Gold-Standard Database for Precision Oncology	Dr. Zbyslaw Sondka Senior Scientist - COSMIC - Catalogue of Somatic Mutations in Cancer Wellcome Sanger institute Rebecca White Scientific Communications Manager - COSMIC - Catalogue of Somatic Mutations in Cancer Wellcome Sanger Institute
5-Oct	09:00 - 10:00 AM	Cell Therapy	Armoring T Cells with Engineered Fusion Proteins Enhances Therapeutic Efficacy Against Hematological and Solid Tumors	Shannon K. Oda, PhD Principal Investigator, Seattle Children's Research Institute, Assistant Professor, University of Washington School of Medicine
5-Oct	10:30 - 11:30 AM	Cell Therapy	Selective Depletion of CD45RA Expressing Cells to Enrich Antigen Specific T-Cells for Immunotherapy	Sandhya Sharma, PhD Laboratory of Cliona M. Rooney

5-Oct	12:00 - 01:00 PM	Immunology- Oncology	Development of Custom Immunobead Assays for Neoantigen-Associated Autoantibodies to Prognosticate Response to Immunotherapy in Advanced Lung Cancer	Jeff Borgia, PhD Associate Professor, Rush University
5-Oct	01:30 - 02:30 PM	Cell Therapy	Complete Workflow Solution from Gene-to-Protein	Stephan Fath, PhD Protein Service Group Manager, Thermo Fisher Scientific
5-Oct	03:00 - 04:00 PM		Panel Presentation: Longitudinal Mutational Landscape and Transcriptomic Analysis of Aggressive Uterine Leiomyosarcoma in a Patient with Exceptional Survival	Tatiana Omelchenko, PhD Senior Research Scientist, Cell Biology Program, Rockefeller University Deep Pandya, MS Research Associate, Danbury Hospital, Nuvance Health Jean-Noel Billaud, PhD Senior Principal Scientist, QIAGEN Digital Insights
5-Oct	06:00 - 06:00 AM	Immunology- Oncology	Antibody Drug Conjugates and Recent Applications in Breast Cancer Treatment	Zachary Fogarty Bioinformatician, Quantitative Health Science
5-Oct	06:00 - 06:00 AM	Immunology- Oncology	Generating T Cell Responses in the Immunosuppressive Tumor Microenvironment	Katelyn T. Byrne, PhD Assistant Professor, Department of Cell, Developmental and Cancer Biology, Oregon Health and Science University
5-Oct	06:00 - 06:00 AM	Cell Therapy	Metabolic Barriers to Tumor Immunity in Pancreatic Cancer	Alex Muir, PhD Assistant Professor, Ben May Department for Cancer Biology, University of Chicago
5-Oct	06:00 - 06:00 AM	Cancer Research	Molecular PSMA Imaging and Targeted Radionuclide Therapy of Metastatic Prostate Cancer	Ephraim Parent, M.D., PhD Associate Professor of Radiology, Mayo Clinic
5-Oct	06:00 - 06:00 AM	Immuno-Oncology	Neoantigen Vaccines for Personalized Immunotherapy	Yan Asmann, PhD Consultant, Associate Chair of Academic Affairs and Faculty development, Dept. of Quantitative Health Sciences, Associate Professor, Biomedical Informatics, Mayo Clinic College of Medicine
6-Oct	06:00 - 07:00 AM		Bromodomains in HPV Head and Neck Cancer - Using NGS to Help Understand the Transcriptional Landscape	Gopal Iyer, PhD Assistant Professor, Department of Human Oncology, University of Wisconsin-Madison

6-Oct	07:30 - 08:30 AM		Single-Cell Analysis of the Tumor Microenvironment in High-Grade Serous Ovarian Carcinoma (HGSOC)	Jean-Noel Billaud, PhD Senior Principal Scientist, QIAGEN Digital Insights
6-Oct	09:00 - 10:00 AM	Cancer Research Networks, Epidemiology, and Patient Advocacy	Keynote Presentation: Precision Oncology Alliance: A Vision to the Future	Chadi Nabhan, MD, MBA, FACP Chairman, Precision Oncology Alliance & Adjunct Professor, University of South Carolina, Department of Clinical Pharmacy & Outcomes Sciences, Caris Life Sciences
6-Oct	10:30 - 11:30 AM	Cancer Research Networks, Epidemiology, and Patient Advocacy	Breaking Through RT-qPCR boundaries in Gene Expression Analysis	Jennifer Sandoval, M.S. Senior Manager, Molecular Biology
6-Oct	12:00 - 01:00 PM		From Information Overload to Actionable Insights: How a National Cancer Research Center Identifies Meaningful Mutations in Somatic Tumor Testing	Ana Krivokuca, PhD Head of Department for Genetic Counseling, Institute of Radiology and Oncology in Serbia
6-Oct	01:30 - 02:30 PM	Cancer Research Networks, Epidemiology etc.	Why Networks Matter: Embracing Biological Complexity	John Quackenbush, PhD Professor of Computational Biology and Bioinformatics, Chair of the Department of Biostatistics, Harvard University, Dana-Farber Cancer Institute
6-Oct	06:00 - 06:00 AM	Cancer Research Networks, Epidemiology, and Patient Advocacy	Addressing Temporal Trends in Real-World Evidence of Treatment Effects	Jue "Marquis" Hou Assistant Professor, Division of Biostatistics, University of Minnesota School of Public Health
6-Oct	06:00 - 06:00 AM	Cancer Research	Evolutionary Modeling of Cancer	Natalia Komarova, PhD Chancellor's Professor, University of California, Irvine
6-Oct	06:00 - 06:00 AM	Cancer Research Networks, Epidemiology, and Patient Advocacy	Integration of Molecular and Radiologic Features to Understand Breast Cancer Risk: Implications for Risk Assessment and Prevention	Rulla Tamimi, ScD Professor of Population Health Sciences, Division Chief of Epidemiology, Professor of Epidemiology in Pathology and Laboratory Medicine, Associate Director of Population Sciences, Sandra and Edward Meyer Cancer Center, Weill Cornell Medicine
6-Oct	06:00 - 06:00 AM	Cancer Research	Systematic Characterization of Gene Regulatory Networks Rewiring Patterns Mediated by Non-Coding Regions Perturbation	Daniel C. Osorio Computational Biologist, Postdoctoral Fellow, Livestrong Cancer Institutes, Dell Medical School, University of Texas at Austin

6-Oct	06:00 - 06:00 AM	Cancer Research Networks, Epidemiology and Patient Advocacy	Teaming with Healthcare Professionals to Transform the Future of Pancreatic Cancer	Liz Johnson Affiliate Chair, Pancreatic Cancer Action Network, Raleigh-Durham
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