



OCTOBER 4-6, 2022

CANCER RESEARCH & IMMUNO-ONCOLOGY WEEK

VIRTUAL EVENT SERIES

| Date | Time | Track | Presentation Title | Speaker |
|------|---------------------------|------------------------------------|---|--|
| | 06:00 - 07:00 AM | | Advances in Targeted Sequencing: Accelerate your NGS Workflows with New QIAseq Chemistry | Krishna Amin Global Product Manager NGS, QIAGEN |
| | 06:00 - 06:00 AM | Cancer Research | Artificial Intelligence: Unveiling New Opportunities in Cancer Research | Martha Hernández Scientist, CloudLIMS.com |
| | 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 |
| | 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 |
| | 06:00 - 06:00 AM | Cancer Research | 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 |
| | 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 |
| | 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 |

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| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 06:00 - 06:00 AM | Immunology- Oncology | Antibody Drug Conjugates and Recent Applications in Breast Cancer Treatment | Zachary Fogarty Bioinformatician, Quantitative Health Science |
| 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 |
| 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 |
| 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 |

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| 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 |
| 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 |
| 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, Ben Towne Center for Childhood Cancer Research, Seattle Children's Research Institute, Assistant Professor, Department of Pediatrics, Division of Hematology/Oncology, University of Washington School of Medicine |
| 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 |
| 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 |
| 01:30 - 02:30 PM | Cell Therapy | Complete Workflow Solution from Gene-to-Protein | Stephan Fath, PhD Protein Service Group Manager, Thermo Fisher Scientific |
| 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 |
| 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 |

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| 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 |
| 06:00 - 06:00 AM | Cancer Research | Evolutionary Modeling of Cancer | Natalia Komarova, PhD Chancellor's Professor, University of California, Irvine |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

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| | 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 |
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