Join Agilent and Our Cell Analysis Experts
Immuno-Oncology and Cancer Biology
Live Global Event

Date	Time	Track	Presentation Title	Speaker
29-Jul	07:00 - 08:00 AM		What intratumoral Tregs eat makes them strong, but vulnerable: a new metabolic intervention for cancer immunotherapy	Ping-Chih Ho, PhD Associate Professor, Department of Fundamental Oncology, University of Lausanne, Associate member, Ludwig Institute for Cancer Research
29-Jul	08:00 - 09:00 AM		High-throughput DNA damage analyses identify synergistic drug combinations to treat malignant brain tumours	Sachin Katyal, PhD Asst. Professor, Dept. of Pharmacology and Therapeutics, University of Manitoba; Senior Scientist, Research Institute in Oncology and Hematology, CancerCare Manitoba, Canada
29-Jul	09:00 - 10:00 AM		Impedance-based assay to evaluate potency of immunotherapy products	Juan Miguel Sanchez Nieto, PhD Analytical Development Scientist, Cell and Gene Therapy Catapult
29-Jul	10:00 - 11:00 AM		Metabolic control of T cell tolerance and antitumor immunity	Hongbo Chi, PhD Member (Professor), Robert G. Webster Endowed Chair, Department of Immunology, St. Jude Children's Research Hospital
29-Jul	11:00 - 12:00 PM		STAT3 phosphorylation during phagocytosis is required to activate autophagy and prevent macrophage immuno-senescence	Lara Campana, PhD Research Fellow, Post-doctoral research Associa, Centre for Regenerative Medicine, University of Edinburgh
29-Jul	12:00 - 01:00 PM		Linking Cancer Metabolism to Neurodegeneration	Navdeep S. Chandel PhD David W. Cugell Professor of Medicine, Biochemistry and Molecular Genetics, Feinberg School of Medicine, Northwestern University, Chicago
29-Jul	01:00 - 02:00 PM		Using quantitative imaging microscopy to explore and target the molecular origins of cancer	Kirk McManus, PhD Associate Professor, Department of Biochemistry & Medical Genetics, University of Manitoba and Senior Scientist, Research Institute in Oncology & Hematology, CancerCare Manitoba

29-Jul	02:00 - 03:00 PM		Route of 41BB/41BBL costimulation determines effector function of B7-H3-CAR.CD28ζ T cells	Christopher DeRenzo, MD Assistant Member, St. Jude Children's Research Hospital
29-Jul	03:00 - 04:00 PM		Advances and trends enabling the growth of immune-based cancer research and therapeutics	David Ferrick, PhD Associate Vice President, Agilent Cell Analysis
29-Jul	04:00 - 05:00 PM		Measuring Immune Cell Killing Dynamics through Real Time Impedance and Live Cell Imaging	Fabio Cerignoli, PhD Senior Field Application Scientist, Agilent Technologies
29-Jul	05:00 - 06:00 PM		Enabling 3D T-Cell, Tumoroid Invasion, and Organoid Assays Through the Incorporation of Live Cellular Imaging	Brad Larson Field Applications Scientist, BioTek Instruments
29-Jul	03:00 - 03:05 AM		3D Culture Methods and Imaging Considerations	Brad Larson Field Applications Scientist, BioTek Instruments Valerie Sodi, PhD Field Applications Scientist, BioTek Instruments
29-Jul	03:00 - 03:05 AM		Automated Media Exchange for Long Term Spheroid Assays Using MultiFlo FX's new AMX Module	Brad Larson Field Applications Scientist, BioTek Instruments
29-Jul	03:00 - 03:05 AM		How intracellular metabolic change governs immunity and inflammation	Luke O'Neill, PhD Professor (Chair of Biochemistry), Trinity College Dublin
29-Jul	03:00 - 03:05 AM		Modeling anti-tumor function of human T cells	Michael Overstreet, PhD Scientist, Oncology Discovery, AstraZeneca, Oncology R&D
29-Jul	03:00 - 03:05 AM		Phenotypic and MoA Analysis of Anti-Metastatic Molecules using 3D Tumoroid Invasion Assays, Kinetic Ligand Binding, and Cellular Microscopy	Brad Larson Field Applications Scientist, BioTek Instruments
29-Jul	03:00 - 03:05 AM		Therapeutic targeting of metabolic synthetic lethality in cancer research	Yuting Sun, PhD Institute Research Scientist, MD Anderson Cancer Center

29-Jul	03:00 - 03:05 AM		Tools and Techniques for Optimizing Cell Proliferation Studies	Joe Clayton, PhD Senior Principal Scientist, BioTek Instruments