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| 29-Jul | 12:00 - 12:05 AM |       | 3D Culture Methods and Imaging Considerations                                        | Brad Larson  
Field Applications Scientist, BioTek Instruments  
Valerie Sodi, PhD  
Field Applications Scientist, BioTek Instruments |
| 29-Jul | 12:00 - 12:05 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 | 12:00 - 12:05 AM |       | How intracellular metabolic change governs immunity and inflammation                | Luke O’Neill, PhD  
Professor (Chair of Biochemistry), Trinity College Dublin |
| 29-Jul | 12:00 - 12:05 AM |       | Modeling anti-tumor function of human T cells                                       | Michael Overstreet, PhD  
Scientist, Oncology Discovery, AstraZeneca, Oncology R&D |
| 29-Jul | 12:00 - 12:05 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 | 12:00 - 12:05 AM |       | Therapeutic targeting of metabolic synthetic lethality in cancer research            | Yuting Sun, PhD  
Institute Research Scientist, MD Anderson Cancer Center |
| 29-Jul | 12:00 - 12:05 AM |       | Tools and Techniques for Optimizing Cell Proliferation Studies                    | Joe Clayton, PhD  
Senior Principal Scientist, BioTek Instruments |
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| 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 |