

Date	Time PDT	Track	Presentation Title	Speaker
2-Apr	06:00 - 07:00 AM	Prevention, Containment and Treatment of CoVID-19 Cases	A Multi-Omic Approach to Detection and Characterization of Viral Pathogens and Their Impact on the Immune System	Bill Hunt, MS Director, Microfluidics Product Management, Fluidigm Andrew Quong, PhD Chief Science Officer, Fluidigm
2-Apr	06:00 - 07:00 AM	Laboratory tests in CoVID-19 diagnosis and treatment	Enhanced. Rapid Target Identification by NGS for Vaccine Development	Cris Kinross Global Market Development, Thermo Fisher Scientific
2-Apr	07:30 - 08:30 AM	The Origins and Symptoms of CoVID-19	COVID-19: Putting together the pieces of the pandemic	Rowshanak Hashemiyoan, PhD Clinical Scientist, Author, Consultant
2-Apr	07:30 - 08:30 AM	The Origins and Symptoms of CoVID-19	From Hendra to Wuhan: emerging bat-borne viruses in a quarter of century	Linfa Wang, PhD Professor & Director, Emerging Infectious Diseases Program, Duke-NUS Medical School, Singapore
2-Apr	08:30 - 09:30 AM	Laboratory tests in CoVID-19 diagnosis and treatment	Laboratory Diagnosis of SARS-CoV-2 Infections: Current Status	Yi-Wei Tang, MD, PhD, F(AAM), FIDSA China Chief Medical Officer of Cepheid at the Danaher Diagnostic Platform in Shanghai
2-Apr	08:30 - 09:30 AM	Prevention, Containment and Treatment of CoVID-19 Cases	Rapid Discovery of Therapeutic Antibodies for SARS-CoV-2 and Other Viral Pandemics	Anupam Singhal Product Manager, Antibody Therapeutics, Berkeley Lights, Inc.
2-Apr	10:00 - 11:00 AM	Laboratory tests in CoVID-19 diagnosis and treatment	Laboratory Tests for CoVID-19	Jun Wu, PhD Associate Professor, Pathology, Vice Director of Clinical Laboratory Medicine Center, Shanghai General Hospital, affiliated to Shanghai Jiaotong University
2-Apr	10:00 - 11:00 AM	Prevention, Containment and Treatment of CoVID-19 Cases	SARS-CoV-2 (CoVID-19: Emergence, Biology, and Countermeasures)	Mark R. Denison, MD Director, Division of Infectious Diseases, Craig-Weaver Professor of Pediatrics, Professor of Pathology, Microbiology & Immunology, Professor at Vanderbilt University
2-Apr	11:30 - 12:30 PM	Laboratory tests in CoVID-19 diagnosis and treatment	COVID-19 infection mechanism, tools for testing and therapeutic antibody development	Manzhu Kang, PhD Senior Scientist of Antibody Research Group at GenScript ProBio Sean Taylor Manager of the Field Applications Group at GenScript USA, Inc

2-Apr	11:30 - 12:30 PM	Laboratory tests in CoVID-19 diagnosis and treatment	Implementation of Molecular Diagnostics for SARS-CoV-2	Li Jiang, MD, PhD Sichuan Academy of Medical Sciences & Sichuan Provincial People's Hospital Sichuan Provincial Center for Clinical Laboratories (SPCCL)
2-Apr	01:00 - 02:00 PM	Laboratory tests in CoVID-19 diagnosis and treatment	PANEL: Specimen Collection and Laboratory Safety	Jason Chen, MD Head of Virology Unit of KingMed Diagnostics Yushen Jiang, MD Deputy Director of Central Lab of DIAN Diagnostics Ruben Luo, PhD NACCCA Board Secretary, Clinical Fellow of UC San Francisco Chengbin Wang, MD Chairman of Chinese Society of Laboratory Medicine, Director of Clinical Laboratory of PLA General Hospital, Chief Physician Frank Yang, MD, PhD Pathologist (ABP-AP/CP, Hem), Vice President of ADICON Medical Laboratories
2-Apr	01:00 - 02:00 PM	Prevention, Containment and Treatment of CoVID-19 Cases	Rapid Response to the Coronavirus Outbreak: How Collaboration Meets the Challenge	Geert Koene, PhD Biosearch Technologies Market Segment Manager MDx, LGC
2-Apr	02:30 - 03:30 PM	Laboratory tests in CoVID-19 diagnosis and treatment	COVID-19 Total Solutions for Detection and Surveillance	Subodh Nimkar Senior Product Manager, Complete Genomics Facility, MGI Pan Zhang, PhD Laboratory Director at BGI
2-Apr	02:30 - 03:30 PM	Laboratory tests in CoVID-19 diagnosis and treatment	Opportunities for using PacBio Long-read Sequencing for COVID-19 Research	Meredith Ashby, PhD Director, Market Strategy for Microbial and Cancer Genomics, Pacific Biosciences
17-Jun	12:00 - 12:05 AM		Coronavirus Webinar Series; Understanding Diagnostic Modalities for SARS-CoV-2	Jamie Evelyn Phillips, MS, PhD Sr. Scientific Affairs Manager, Roche Diagnostic Corporation
17-Jun	12:00 - 12:05 AM		Setting up a Coronavirus (COVID-19) Clinical Diagnostic Testing Lab? LIMS for Automation and Data Management	Shonali Paul, MBA Chief Operating Officer, CloudLIMS.com
17-Jun	06:00 - 07:00 AM		Enhanced, rapid NGS tools for viral research	Cris Kinross Global Market Development, Thermo Fisher Scientific

17-Jun	06:00 - 07:00 AM		Rapid Development of Multiplex Serological Assays for COVID-19 Beyond	Steve Angeloni Senior Field Applications Scientist, Luminex Nicole Pecora, MD, PhD Assistant Professor in Pathology and Laboratory Medicine at the University of Rochester Medical Center in Rochester NY
17-Jun	06:00 - 07:00 AM		Role of serology in the next phase of COVID-19 investigation and response	Linfa Wang, PhD Professor & Director, Emerging Infectious Diseases Program, Duke-NUS Medical School, Singapore
17-Jun	07:30 - 08:30 AM		Advanced solutions for viral detection and immune monitoring	Joel Guthridge, PhD Assistant Member, Arthritis and Clinical Immunology Director of Translational Informatics, Clinical Resources, Biorepository and Human Phenotyping Cores, Oklahoma Medical Research Foundation Petter Brodin, MD, PhD Associate Professor and consultant physician Science for Life Laboratory, Karolinska Institutet Department of Pediatric Rheumatology, Karolinska University Hospital, Stockholm
17-Jun	07:30 - 08:30 AM		Development of Luminex Based Serological Test for COVID-19 Diagnosis and Monitoring	Imad Tarhoni, MD, PhD Postdoctoral Fellow at Rush University Medical Center in Chicago
17-Jun	07:30 - 08:30 AM		Effective RNA extraction for COVID-19 testing	Gabriel Fernandez de Pierola General Manager - Genomics & Diagnostic Solutions Cytiva (formerly GE Life Sciences) Christopher Norey, PhD R&D Leader, Cytiva (formerly GE Healthcare Life Sciences)
17-Jun	09:00 - 10:00 AM		Keynote Presentation: Another New Coronavirus?: The Coronaviruses of the 21st Century	Stephen S. Morse, PhD, FAAM, F.A.C.E. Professor of Epidemiology, Director, Infectious Disease Epidemiology Certificate, Columbia University, Mailman School of Public Health
17-Jun	10:30 - 11:30 AM		Applications of Flow Cytometry and Imaging Flow Cytometry to COVID-19 Research	Haley R. Pugsley, PhD Manager, Senior Scientist Kamala Tyagarajan, PhD Director, Flow Cytometry Assays & Application
17-Jun	10:30 - 11:30 AM		Sleep Better Without Testing Nightmares: Critical Considerations When Choosing an RT-PCR Assay for SARS-CoV-2 Testing	Arvind Kothandaraman General Manager, Specialty Diagnostics

17-Jun	10:30 - 11:30 AM		Strategies and Challenges for COVID-19 Antibody Development	Jiahui Yang, PhD Director, R&D, Sino Biological
17-Jun	12:00 - 01:00 PM		High-Throughput Assay for Monitoring COVID19 Antibodies and Their Isotypes	Susan Zolla-Pazner, PhD Professor of Medicine, Division of Infectious Diseases Icahn School of Medicine at Mount Sinai
17-Jun	12:00 - 01:00 PM		Luminex®: Flexible Solutions for SARS-CoV- 2 Detection	Aaron P. Benfield, PhD Senior Director, Molecular Applications Sherry A. Dunbar, PhD, MBA Senior Director, Global Scientific Affairs
17-Jun	12:00 - 01:00 PM		Panel discussion: Critical design considerations for COVID-19 rapid POC diagnostic test development	Klaus Hochleitner, PhD Global Technology Lead, Diagnostics, Cytiva Brendan O'Farrell, PhD President and Co-Founder, DCN Diagnostics Darren Rowles President and CEO, Sona Nanotech David Wilson Commercial Director, Diagnostics, Avacta Life Sciences Lee Jenkins Senior Product Leader, Cytiva
17-Jun	01:30 - 02:30 PM		Harnessing the power of synthetic biology to combat COVID-19	Dan Gibson, PhD CTO Krishna Kannan, PhD Staff Scientist Katie Lyons, MS Sr. Scientist
17-Jun	01:30 - 02:30 PM		Insights into the Pathogenesis of COVID-19 as Revealed by Spatial Biology	Joseph M. Beechem, PhD CHIEF SCIENTIFIC OFFICER AND Senior Vice President Of Research and Development, NANOSTRING TECHNOLOGIES Christopher E. Mason, PhD Associate Professor of Genomics, Physiology, and Biophysics at Weill Cornell Medicine and the Director of the WorldQuant Initiative for Quantitative Prediction Robert E. Schwartz, PhD Assistant Professor of Medicine, Weill Medical College of Cornell University
17-Jun	01:30 - 02:30 PM		Will we have a vaccine for COVID-19? 5 reasons for optimism!	Rob Kozak, PhD FCCM Clinical Microbiologist, Sunnybrook Health Sciences Centre, Associate Professor, Department of Laboratory Medicine and Pathobiology, University of Toronto

17-Jun	03:00 - 04:00 PM		Accelerating vaccine development using a next generation microfluidic CE platform	Jeray Thelwell Mid-Atlantic and Southeast Biotherapeutics Solution Specialists
17-Jun	03:00 - 04:00 PM		COVID-19: Enrichment and analysis of rare antigen- and virus-specific T cells	Marcello Stein, PhD Global Product Manager and Group Leader Immunology T cells
17-Jun	03:00 - 04:00 PM		Surgery as (Un)Usual: Development of Rodent Intracerebroventricular injection Capabilities During COVID-19	Matthew Flegal, BS, SRS Senior Manager InVivo Sciences, Charles River
17-Jun	04:30 - 05:30 PM		Critical raw material for mRNA-based vaccine development	Andrius KoÄevas Product Manager, Thermo Fisher Scientific
17-Jun	04:30 - 05:30 PM		Patterns of Intrahost and Interhost variation in SARS-CoV-2	Todd Treangen Assistant Professor, Computer Science, Rice University, Co-Lead COVID-19 International Research Team (COV-IRT)
17-Sep	12:00 - 12:05 AM		Insights into SARS-CoV-2 Biology	Adolfo Garcia-Sastre, PhD Professor, Departments of Microbiology and Medicine, Tisch Cancer Center Icahn School of Medicine at Mount Sinai
17-Sep	12:00 - 12:45 AM		Testing for SARS-CoV-2: The Cleveland Clinic Experience	Gary Procop, MD, MS Medical Director & Co-Chair, Enterprise Laboratory Stewardship Committee, Enterprise Medical Operations, & Director of Microbiology, Virology, Mycology & Parasitology, Cleveland Clinic
17-Sep	12:00 - 12:05 AM		The detection, characterization, and surveillance of the SARS-CoV-2 viral genome using hybridization capture-based NGS assay	Dorottya Nagy-Szakal, MD PhD Chief Medical Officer, Biotia, Research Assistant Professor, Department Cell Biology/College of Medicine, SUNY Downstate Health Sciences University
17-Sep	06:00 - 07:00 AM		Keynote Presentation: The American Response to COVID-19: what went right, what went wrong	Ashish K. Jha, M.D., M.P.H. Dean, Brown University School of Public Health
17-Sep	07:30 - 08:30 AM		Keynote Presentation: IHME Covid-19 projections for the US: Strategies to reduce the spread	Ali H. Mokdad, PhD Chief Strategy Officer, Population Health, University of Washington

17-Sep	09:00 - 10:00 AM		Coronaviruses: History, Biology and Innate Immune Antagonism	Susan R. Weiss, PhD Professor and Vice Chair Department of Microbiology, Co-Director, Penn Center for Research on Coronaviruses and Other Emerging Pathogens Perelman school of Medicine University of Pennsylvania
17-Sep	09:00 - 10:00 AM		Preclinical Optical Imaging of Infectious Diseases	Kevin Francis, PhD Divisional VP, Biology Solutions at PerkinElmer
17-Sep	09:00 - 10:00 AM		Purification of cells from SARS-CoV-2 convalescent samples and potentially infectious materials with fluorescent-activated cell sorting	Joe Ostrand, PhD Flow Cytometry Specialist, Miltenyi Biotec
17-Sep	10:00 - 11:00 AM		Keynote Presentation: Discovery of SARS-CoV-2 antivirals through large-scale repositioning studies	Sumit Chanda, PhD Director & Professor, Immunity & Pathogenesis Program, Sanford Burnham Prebys Medical Discovery Institute
17-Sep	11:00 - 12:00 PM		Host and Viral Transcriptomes During COVID-19 Infection	Christopher E. Mason, PhD Associate Professor of Genomics, Physiology, and Biophysics at Weill Cornell Medicine and the Director of the WorldQuant Initiative for Quantitative Prediction
17-Sep	11:00 - 12:00 PM		Innovative Reagent Solutions in Virology Research	Mathis Laffenetre Life Sciences Technology Platform Metabolic Diseases Reagents Leader Nicolas Pierre Life Sciences Technology Platforms Leader, Discovery Reagents
17-Sep	11:00 - 12:00 PM		Lung-Chip - Accelerating Study of Viral Infection and Therapeutics	Lorna Ewart, PhD EVP European Scientific Liaison Emulate, Inc.
17-Sep	12:00 - 01:00 PM		Advanced NGS solutions for SARS-CoV-2 monitoring and insights	Cris Kinross Global Market Development, Thermo Fisher Scientific
17-Sep	12:00 - 01:00 PM		Antibody therapy against SARS-CoV-2: A Global Collaboration	Erica Ollmann Saphire, PhD Professor, La Jolla Institute for Immunology

17-Sep	12:00 - 01:00 PM		Important considerations for choosing a SARS-CoV-2 assay	Arvind Kothandaraman General Manager, Specialty Diagnostics
17-Sep	01:00 - 02:00 PM		Keynote Presentation: SARS-CoV-2 Susceptibility, Transmission and Reinfection in Domestic Cats	Jürgen A. Richt, DVM, PhD Regents Distinguished Professor at KSU, University Distinguished Professor, Director - Center on Emerging & Zoonotic Infectious Diseases (CEZID), NIH Center of Biomedical Research Excellence
17-Sep	02:00 - 03:30 PM		Keynote Presentation: The formation of an International Collaborative Network to find COVID-19 Therapeutics	Jacqueline Fabius Chief Operating Officer, Quantitative Biosciences Institute (QBI) Nevan Krogan, PhD Professor of Cellular and Molecular Pharmacology, UCSF, Principal Investigator, Gladstone Institute of Data Science and Biotechnology, Director of the Quantitative Bioscience Institute
17-Sep	03:30 - 04:30 PM		Discovery of a druggable pocket in SARS-CoV-2 Spike: New avenue to defeat COVID-19?	Imre Berger Founder and Managing Director of the Max Planck Bristol Centre for Minimal Biology
17-Sep	03:30 - 04:30 PM		Repurposing in COVID-19: Can we identify new antivirals	Sara Cherry, PhD Professor of Pathology and Laboratory Medicine and Microbiology, Perelman School of Medicine, University of Pennsylvania
17-Sep	03:30 - 04:30 PM		SARS-CoV-2 Testing Today and a New Serology Approach For High Throughput Screening	Russell Garlick, PhD Chief Scientific Officer at LGC SeraCare Life Sciences Richard Hughes Associate Scientific Director at LGC Joel Lefferts, PhD, HCLD, DABCC Assistant Professor of Pathology and Laboratory Medicine, Geisel School of Medicine at Dartmouth and Assistant Director, Clinical Genomics and Advanced Technology (CGAT) Laboratory
17-Sep	04:30 - 05:30 PM		COVID-19 T-Cell Data: Mapping Out SARS-CoV-2 Antigen & T-Cell Repertoires	Sean Nolan Distinguished Engineer Patrick Raber, PhD Senior Manager, Research and Business Development Thomas Snyder, PhD VP, Research, immunoSEQ Dx
17-Sep	04:30 - 05:30 PM		Ultra-fast one-step RT-PCR protocol for the detection of SARS-CoV-2	Brian McNally, PhD Chief Commercial Officer, Molecular Biology Systems, BV

3-Dec	09:00 - 10:00 AM		Transmission Dynamics of SARS-CoV-2: Inference and Projection	Jeffrey Shaman Professor of Environmental Health Sciences, Columbia University Mailman School of Public Health
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