



Date	Time	Track	Presentation Title	Speaker
2-Apr	06:00 - 07:00 AM		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		Enhanced. Rapid Target Identification by NGS for Vaccine Development	Cris Kinross Global Market Development, Thermo Fisher Scientific
2-Apr	07:30 - 08:30 AM		COVID-19: Putting together the pieces of the pandemic	Rowshanak Hashemiyoony, PhD Clinical Scientist, Author, Consultant
2-Apr	07:30 - 08:30 AM		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 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		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 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		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		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		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		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		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		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		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	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	Dr. Marcello Stein Global Marketing Manager - Translational Immunology, Miltenyi Biotec
17-Jun	03:00 - 04:00 PM		Surgery as (Un)Usual: Development of Rodent Intracerebroventricular injection Capabilities During COVID-19	Matthew Flegal, BS, SRS Associate Director, Charles River Laboratories
17-Jun	04:30 - 05:30 PM		Critical raw material for mRNA-based vaccine development	Andrius Kočėvas Product Manager, Thermo Fisher Scientific
17-Jun	04:30 - 05:30 PM		Patterns of Intrahost and Interhost variation in SARS-CoV-2	Todd Treangen, PhD Assistant Professor of Computer Science, Department of Bioengineering, Rice University
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-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; Director, Middle Eastern Initiatives Professor, Health Metrics Sciences Institute for Health Metrics and Evaluation
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, Ph.D. 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, LGC SeraCare 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
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
3-Dec	06:00 - 07:00 AM		Keynote Presentation: Facial Masking for COVID-19: Transmission, Severity and Immunity	Monica Gandhi, MD, MPH Professor of Medicine and Associate Chief, Division of HIV, Infectious Diseases, and Global Medicine, UCSF, Director, UCSF-Gladstone Center for AIDS Research (CFAR)
3-Dec	07:30 - 08:30 AM		Keynote Presentation: Prevalence of SARS-CoV-2 Immunity in Those Undiagnosed with COVID-19 in the U.S.	Matthew J. Memoli, MD, MS Director, LID Clinical Studies Unit, Laboratory of Infectious Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health
3-Dec	09:00 - 10:00 AM		New! PerkinElmer® RT-PCR SARS-CoV-2 Solution Updates	Arvind Kothandaraman General Manager, Specialty Diagnostics
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
3-Dec	10:00 - 10:30 AM		Keynote Presentation: COVID-19 Projections for the United States	Ali H. Mokdad, PhD Chief Strategy Officer, Population Health, University of Washington; Director, Middle Eastern Initiatives Professor, Health Metrics Sciences Institute for Health Metrics and Evaluation
3-Dec	10:30 - 11:30 AM		Accelerating vaccine development using a next generation microfluidic CE platform	Jeray Thelwell Mid-Atlantic and Southeast Biotherapeutics Solution Specialists
3-Dec	10:30 - 11:30 AM		The Immunology of COVID-19: A dynamic immune signature for prognosis and spatial transcriptomics of lung tissue	Arutha Kulasinghe, PhD Peter Doherty NHMRC Early Career Fellow at the Queensland University of Technology (QUT) Miguel Muñoz-Ruiz, PhD PostDoc fellow at the Immunosurveillance Lab at the Francis Crick Institute
3-Dec	12:00 - 01:00 PM		Advancing SARS-CoV-2 Diagnostics Through Standardization and Quantitation	Russell Garlick, PhD Chief Scientific Officer, LGC SeraCare Marc Salit, PhD Director, Joint Initiative for Metrology in Biology, Stanford University
3-Dec	01:30 - 02:30 PM		Using an ARIES® Laboratory Developed Test for SARS-CoV-2 to Respond to the COVID-19 Pandemic in Louisville, KY	Leslie A. Wolf, PhD, HCLD (ABB) Division of Infectious Diseases   University of Louisville



3-Dec	03:00 - 04:00 PM		Novel SARS-Cov-2 Neutralization Antibody test, performance and applications	Roumen Bogoev, MSc Head of Segment Marketing, GenScript USA
3-Dec	04:30 - 05:30 PM		An Iterative Approach to Structure-based in silico to in vivo Development of Combinatorial Anti-SARS-CoV-2 Therapy	Garth D. Ehrlich, PhD, FAAAS Professor of Microbiology & Immunology, Professor of Otolaryngology-Head and Neck Surgery, Drexel University College of Medicine
3-Dec	12:00 - 12:45 AM		COVID-19 RNA and DNA vaccines	Deborah Fuller, PhD Professor, Department of Microbiology, University of Washington School of Medicine, Division Chief, Infectious Diseases and Translational Medicine, Washington National Primate Research Center
3-Dec	12:00 - 12:45 AM		Development, assessment and commercialization of serological SARS CoV-2 tests - an interdisciplinary success story	Mark Dürkop, PhD CEO Novasign GmbH, Project Lead BOKU - Department of Biotechnology, University of Natural Resources and Life Sciences, Vienna
3-Dec	12:00 - 12:45 AM		Immunity, Aging and COVID-19 : where do we stand?	Janko Nikolich-Zugich, MD, PhD Bowman Professor and Head, Department of Immunobiology, Co-Director, University of Arizona Center on Aging, University of Arizona College of Medicine-Tucson
3-Dec	12:00 - 12:45 AM		NGS Workflows for Studying Infectious Disease	Gary P. Schroth, PhD Vice President and Distinguished Scientist, Illumina, Inc.
3-Dec	12:00 - 12:45 AM		Putting COVID-19 Into Context	Amesh A. Adalja, MD Senior Scholar, Johns Hopkins Center for Health Security
3-Dec	12:00 - 12:45 AM		Recent insights into SARS-CoV-2 intra-host population dynamics	Todd Treangen, PhD Assistant Professor of Computer Science, Department of Bioengineering, Rice University
14-Apr	06:00 - 07:00 AM		A two-pronged approach to tackle COVID-19: Lessons learned from temporal and spatial expression analysis of infected tissue	Eugenia Z. Ong, PhD Senior Research Fellow, Duke-NUS Medical School Singapore Joe Poh Sheng Yeong, MBBS PhD Mmed (Path) Associate Faculty, Institute of Molecular and Cell Biology (A*STAR) Singapore
14-Apr	06:00 - 07:00 AM		Novel, high throughput test for detection of SARS-Cov-2 neutralizing antibodies	Shuting Xu, PhD Field Application Scientist

14-Apr	07:30 - 08:30 AM		Keynote Presentation: The impact of the New COVID-19 Variants and Vaccine Rollout on the pandemic	Ali H. Mokdad, PhD Chief Strategy Officer, Population Health, University of Washington; Director, Middle Eastern Initiatives Professor, Health Metrics Sciences Institute for Health Metrics and Evaluation
14-Apr	09:00 - 10:00 AM		Keynote Presentation: What the NIH Serosurvey Tells Us So Far and Why We Should Try to Develop a Broadly Protective/Universal Beta-Coronavirus Vaccine	Matthew J. Memoli, MD, MS Director, LID Clinical Studies Unit, Laboratory of Infectious Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health
14-Apr	10:30 - 11:30 AM		Keynote Presentation: New Vaccine and Antiviral Strategies for COVID-19	Adolfo Garcia-Sastre, PhD Professor, Departments of Microbiology and Medicine, Tisch Cancer Center Icahn School of Medicine at Mount Sinai
14-Apr	12:00 - 01:00 PM		New Challenges for SARS-CoV-2 Diagnostics: Viral Load Testing and Variant Strain Genotyping	Russell Garlick, PhD Chief Scientific Officer, LGC SeraCare Nathan A. Ledebauer, PhD Professor and Vice Chair, Pathology; Medical Director, Medical College of Wisconsin
14-Apr	12:00 - 01:00 PM		Solutions for SARS-CoV-2 Strain Lineage Surveillance	Stephen Jackson Associate Director, Product Applications Genetic Sciences Division, Thermo Fisher Scientific
14-Apr	01:30 - 02:30 PM		Automated Solutions for SARS-CoV-2 Variant Identification and Surveillance	Subodh Nimkar Senior Product Manager, Complete Genomics Facility, MGI Anthony Tong, PhD Director of Product Management, BGI
14-Apr	01:30 - 02:30 PM		Molecular Testing for the Detection and Strain Identification of SARS-CoV-2	Manohar R. Furtado, PhD Director R&D, Thermo Fisher Scientific, Genetic Testing Solutions
14-Apr	03:00 - 04:00 PM		NEXTFLEX® Variant-Seq™ SARS-CoV-2 Kit	Pedro Echave, PhD Global Leader, NGS Product Experts, PerkinElmer
14-Apr	03:00 - 04:00 PM		Quick and Easy Sequencing of SARS-CoV-2 to Identify Variants of Concern	Jordan RoseFigura, PhD Director of Material Sciences, Swift Biosciences

14-Apr	04:30 - 05:30 PM		How RT-PCR Testing Allows Labcorp to Perform National SARS-CoV-2 Pandemic Surveillance	Brian Krueger, PhD Associate Vice President, Research and Development, Laboratory Corporation of America
14-Apr	12:00 - 12:45 AM		Clarigene: a Pandemic Diagnostic Story	Michael Risley, PhD Chief Development Officer, Yourgene Health
14-Apr	12:00 - 12:45 AM		Is SNP Genotyping a Better Approach for Monitoring for Known Variants of Concern	Richard Michelmore Distinguished Professor and Director, The Genome Center, Genome and Biomedical Sciences Facility, University of California, Davis
14-Apr	12:00 - 12:45 AM		New Technologies for Accessible, Durable and Broadly Protective Coronavirus Vaccines	Corey Casper, M.D., MPH CEO, IDRI; Clinical Professor of Medicine and Global Health, University of Washington; Affiliate Professor, Vaccine and Infectious Disease Division, Fred Hutch Cancer Research Center
14-Apr	12:00 - 12:45 AM		SARS-CoV-2 - Dynamics of the COVID-19 Epidemic	Harm van Bakel, PhD Assistant Professor of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai
14-Apr	12:00 - 12:45 AM		The Next Big Question: Genomic Surveillance of SARS-CoV-2	Gary Schroth, Ph.D. Vice President and Distinguished Scientist, Illumina
14-Apr	12:00 - 12:45 AM		The Rapid Development of COVID-19 Vaccines	Paul Goepfert Professor of Medicine, University of Alabama at Birmingham Director, Alabama Vaccine Research Clinic (AVRC)
13-Oct	06:00 - 07:00 AM		Keynote Presentation: Discovery and Biology of Protective SARS-CoV-2 Human Monoclonal Antibodies	James Crowe, MD Director of the Vanderbilt Vaccine Center, Ann Scott Carell Professor of Pediatrics, Pathology, Microbiology and Immunology
13-Oct	07:30 - 08:30 AM		Keynote Presentation: Impact of New Escape Variants and Waning Immunity on the Covid-19 Pandemic	Ali H. Mokdad, PhD Chief Strategy Officer, Population Health, University of Washington; Director, Middle Eastern Initiatives Professor, Health Metrics Sciences Institute for Health Metrics and Evaluation

13-Oct	09:00 - 10:00 AM		Keynote Presentation: Costly Closures: The Return on Investment in COVID-19 Prevention for Retail, School, Sports, and Entertainment	Blythe Adamson, PhD, MPH Founder and Epidemiologist, Infectious Economics, LLC
13-Oct	10:30 - 11:30 AM		Altered MicroRNA Expression in COVID-19 Patients Accurately Identifies SARS-CoV-2 Infection	Ryan Farr, PhD Research Scientist, Host Response Team, Health and Biosecurity (H&B) at the Australian Centre for Disease Preparedness (ACDP) , CSIRO
13-Oct	10:30 - 11:30 AM		Spatial Transcriptomic Profiling of Severe COVID-19 Patients	Camilla Margaroli, PhD Department of Medicine; Division of Pulmonary, Allergy, and Critical Care University of Alabama at Birmingham
13-Oct	12:00 - 01:00 PM		A Virtual Conversation with Dr. John Moore: COVID Vaccines and Variants	John P. Moore, PhD Professor of Microbiology and Immunology, Weill Cornell Medicine
13-Oct	01:30 - 02:30 PM		Panel Presentation: Advantage of Absolute Quantification of Digital PCR in Wastewater Monitoring QIAGEN's Workflow Solutions for SARS-CoV-2 Surveillance	Dominic O'Neil, MS, MBA Director of Microbiome Product Development, QIAGEN Colin Donohoe, PhD Senior Scientist, Research and Development at QIAGEN
13-Oct	01:30 - 02:30 PM		SARS-CoV-2 Related Workflow and Solutions: Detection and Genotyping	Manohar R. Furtado, PhD Director R&D, Thermo Fisher Scientific, Genetic Testing Solutions
13-Oct	03:00 - 04:00 PM		Accelerating SARS-CoV-2 Genomic Surveillance with High-throughput NGS	James Caffrey, PhD, MBA Director Strategic Marketing, Genomics, QIAGEN
13-Oct	03:00 - 04:00 PM		SARS-CoV-2 Neutralizing Antibody Testing for Vaccine Efficacy Assessment	Sean Taylor, MBA, PhD North American Field Application Scientist Manager, GenScript USA, Inc.
13-Oct	04:30 - 05:30 PM		Delivering Insights by Analyzing Metagenomic NGS Data	Patrick Ettenhuber, PhD Product Owner

13-Oct	04:30 - 05:30 PM		New Diagnostic Tools to Fight the Pandemic - Screening and Syndromic Testing	Arvind Kothandaraman General Manager, Specialty Diagnostics
13-Oct	12:00 - 12:45 AM		Rapid and Inexpensive Whole-Genome Sequencing of SARS-CoV-2 Using the "Midnight" Panel	Nikki Freed, PhD Lead at Auckland Genomics, University of Auckland, New Zealand
13-Oct	12:00 - 12:45 AM		SARS-CoV-2 Evolution: Addition by Subtraction	Kevin R. McCarthy, PhD Assistant Professor, Department of Microbiology and Molecular Genetics, University of Pittsburgh School of Medicine Center for Vaccine Research
Oct 13 - Oct 5	Oct 13 11:55 - Oct 5 11:55 PM		Infectious Disease Diagnostics: A Critical Pandemic Preparedness Tool	Amesh A. Adalja, MD Senior Scholar, Johns Hopkins Center for Health Security
13-Oct	11:55 - 11:55 PM		Low-Dose mRNA-1273 COVID-19 Vaccine Generates Durable Memory Enhanced by Cross-reactive T Cells	Daniela Weiskopf, PhD Research Assistant Professor, Center for Infectious Disease and Vaccine Research, La Jolla Institute for Immunology (LJI)
13-Oct	11:59 - 11:59 PM		COVID Policy in the Vaccine Era	Jay Bhattacharya, MD, PhD Professor of Medicine, Stanford University
4-May	06:00 - 07:00 AM		Keynote Presentation: Toward Universal Coronavirus Vaccines: From Concept to Clinic	Kayvon Modjarrad, MD, PhD Director, Emerging Infectious Diseases Branch Walter Reed Army Institute of Research Medical Officer, Civilian, Department of the Army, Associate Professor of Medicine, Uniformed Services University
4-May	07:30 - 08:30 AM		Keynote Presentation: SARS-CoV2: Rapid Response Platforms for Pandemic Virus Control in the 21st Century	Ralph S. Baric, PhD Kenan Distinguished Professor of Epidemiology, Gillings School of Global Public Health and Microbiology and Immunology School of Medicine, University of North Carolina
4-May	09:00 - 10:00 AM		Keynote Presentation: After the Mandates End: Preparing for the Next COVID-19 Variant	Abraham Flaxman, PhD Associate Professor, Health Metrics Sciences, Institute for Health Metrics and Evaluation (IHME), University of Washington

4-May	10:30 - 11:30 AM		Keynote Presentation: Covid-19: Variants Have Changed the Endgame	Professor Salim S. Abdool Karim, FRS Director: CAPRISA, CAPRISA Professor of Global Health: Department of Epidemiology, Mailman School of Public Health, Columbia University
4-May	10:30 - 11:30 AM		Neuropathology of SARS-CoV-2 as Revealed by Spatial Biology	Susanne Krasemann, MD, PhD Group Leader, Institute of Neuropathology at the University Medical Center Hamburg-Eppendorf, UKE; Head of the Core Facility, Experimental Pathology "Mouse Patho", UKE
4-May	12:00 - 01:00 PM		Panel Presentation: Responding to SARS-CoV-2 Variants, such as Omicron: Detection and Surveillance	Jelena Feenstra, PhD Senior Manager, Global Scientific Communications, Thermo Fisher Scientific Vanessa Lacey, PhD Staff Scientist, Molecular Biology, Clinical Applications, Thermo Fisher Scientific
4-May	01:30 - 02:30 PM		Panel Presentation: Advance your High-Throughput Workflow with Sample Preparation and Automation	Hannah Saunders Manager, Clinical Sample Preparation R&D, Thermo Fisher Scientific Fan Liu, PhD Staff Engineer, Systems Design, Thermo Fisher Scientific Lillie Manley Scientist III, Clinical Sample Preparation R&D, Thermo Fisher Scientific
4-May	01:30 - 02:30 PM		Panel Presentation: Optimized Sample Processing and NGS Techniques for Wastewater-Monitoring of SARS-CoV-2	Dominic O'Neil, MS, MBA Director of Microbiome Product Development, QIAGEN Jonathan Shaffer, PhD, MBA Director, R&D, NGS Assay Technologies, QIAGEN
4-May	03:00 - 04:00 PM		Deep Spatiotemporal Insights into COVID-19: a Multi-organ Study	Arutha Kulasinghe, PhD NHMRC Research Fellow, The University of Queensland
4-May	05:30 - 05:30 AM		COVID Testing: The Key to the Beginning, Middle & End of the Global Pandemic	Mara G. Aspinall Managing Director, Health Catalysts Group and Professor of Practice, Biomedical Diagnostics, Arizona State University
4-May	05:30 - 05:30 AM		COVID: How Did We Get Here and Where Are We Going?	Andrew Noymer, PhD Epidemiologist and Population Health Scientist, Associate Professor, Department of Population Health and Disease Prevention, University of California, Irvine
4-May	05:30 - 05:30 AM		Epistatic Interactions Among SARS-CoV-2 Spike Amino Acids Required for Viability of Variants of Concern	Jeremy Luban, MD Professor, David J. Freelander Chair in AIDS Research, Program in Molecular Medicine, Biochemistry & Molecular Biotechnology, University of Massachusetts Medical School

4-May	05:30 - 05:30 AM		Neuropathology of SARS-CoV-2 Infection in Aged Non-human Primates	Tracy Fischer, PhD Associate Professor, Tulane National Primate Research Center, Division of Comparative Pathology
4-May	05:30 - 05:30 AM		Top 10 Lessons Learned from COVID with a Focus on Minority Populations and a Way Forward	Peter Chin-Hong, MD Associate Dean, Regional Campuses, Professor of Medicine, Division of Infectious Diseases, University of California, San Francisco
19-Oct	06:00 - 07:00 AM		Keynote Presentation: A Newcastle Disease Virus-Based COVID-19 Vaccine with Live Q&A	Adolfo Garcia-Sastre, PhD Professor, Departments of Microbiology and Medicine, Tisch Cancer Center Icahn School of Medicine at Mount Sinai
19-Oct	06:45 - 07:45 AM		Detection of SARS-CoV-2 Neutralizing Antibodies with GenScript's SARS-CoV-2 Surrogate Virus Neutralization (sVNT) Test	Amanda Grimm, PSM Senior Segment Marketing Manager-ADD, GenScript USA Inc
19-Oct	07:30 - 08:30 AM		Keynote Presentation: The Direct and Indirect Impact of the COVID-19 Pandemic on Children with Live Q&A	Scott A. Rivkees, MD Professor of Practice and Vice Chair, Department of Health Services, Policy and Practice Brown University School of Public Health
19-Oct	08:15 - 09:15 AM		Influenza: An Underestimated Threat	Dr. Ari Frenkel Chief Science Officer, Arkstone Medical Solutions
19-Oct	09:00 - 10:00 AM		Keynote Presentation: The Future of Covid-19: Expectations and Lessons with Live Q&A	Ali H. Mokdad, PhD Chief Strategy Officer, Population Health, University of Washington; Director, Middle Eastern Initiatives Professor, Health Metrics Sciences Institute for Health Metrics and Evaluation
19-Oct	09:45 - 10:45 AM		Microbial Air Monitoring Facilitates Disease Surveillance and Outbreak Response	Eric Clement Arakel Global Project Manager for Sartorius
19-Oct	10:30 - 11:30 AM		Keynote Presentation: SARS-CoV-2 and COVID-19: Natural History, Diagnosis and Monitoring: Lessons Learned with Live Q&A	Yvonne (Bonnie) Maldonado, MD Senior Associate Dean for Faculty Development and Diversity, Taube Endowed Professor of Global Health and Infectious Diseases, Professor of Pediatrics and of Epidemiology and Population Health, Chief, Division of Pediatric Infectious Diseases, Stanford University School of Medicine, Medical Director, Infection Prevention and Control and Attending Physician, Lucile Packard Children's Hospital at Stanford

19-Oct	12:00 - 01:00 PM		Keynote Presentation: Advancing Toward Recovery from Post-Acute Sequelae of SARS-CoV-2 Infection (PASC): The NIH RECOVER Initiative with Live Q&A	Walter Koroshetz, MD Director of the National Institute of Neurological Disorders and Stroke (NINDS), National Institutes of Health
19-Oct	01:00 - 02:00 PM		Panel Presentation: COVID-19 Testing: Results and Recommendations from the Coronavirus Standards Working Group	Marc Salit, PhD Director, Joint Initiative for Metrology in Biology, Stanford University Eric Morreale, PhD Director of Product Management at LGC Clinical Diagnostics
19-Oct	01:30 - 02:30 PM		A Phase 1 Trial of Cyclosporine for Hospitalized Patients with COVID-19	Julia Han Noll, MS University of Pennsylvania
19-Oct	06:00 - 06:00 AM		Evolution of SARS-CoV-2	Kei Sato, PhD Professor, The Institute of Medical Science, University of Tokyo
19-Oct	06:00 - 06:00 AM		mRNA Variant Vaccines as a Second Boost: results from the COVID-19 Variant Immunologic Landscape Trial (COVAIL Trial)	Nadine Rouphael, MD Professor of Medicine, Infectious Diseases Division, Department of Medicine, Emory University, Executive Director, Hope Clinic
19-Oct	06:00 - 06:00 AM		SARS-CoV-2 Interactions with the Host Innate Immune Response and the Ubiquitin System	Ricardo Rajsbaum, PhD. Associate Professor, Department of Medicine, Director, Center for Virus-Host-Innate Immunity (CVHII), Institute for Infectious and Inflammatory Diseases, Rutgers University, New Jersey Medical School Cancer Center
19-Oct	06:00 - 06:00 AM		Sex Differences and Effects of Pregnancy on Symptoms and Severity of COVID-19	Sabra L. Klein, PhD Professor, Department of Molecular Microbiology & Immunology, Biochemistry & Molecular Biology and International Health, John Hopkins Bloomberg School of Public Health, Co-director, Center for Women's Health, Sex, and Gender Research
19-Oct	06:00 - 06:00 AM		Variant-Resistant Antibody Recognition from a Global Consortium	Erica Ollmann Saphire, PhD Professor, La Jolla Institute for Immunology