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| 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 Hashemiyon, 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 | | |
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| 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 |
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| 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 |
General Manager, Specialty Diagnostics |
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| 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 Roweles  
President and CEO, Sona Nanotech  
David Wilson  
Commercial Director, Diagnostics, Avacta Life Sciences  
Moderator: 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 |
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| 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 KoÅ­evas  
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 García-Sastre, PhD  
Professor, Departments of Microbiology and Medicine, Tisch Cancer Center Icahn School of Medicine at Mount Sinai |
| 17-Sep | 12:00 - 12:05 AM | 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 | 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.  
Director, Harvard Global Health Institute, K.T. Li Professor of Global Health, Harvard T.H. Chan School of Public Health, Professor of Medicine, Harvard Medical School |
| 17-Sep | 07:30 - 08:30 AM | SARS-CoV-2 Susceptibility, Transmission and Reinfection in Domestic Cats | JÃ¶rgen 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 |
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<tr>
<td>17-Sep</td>
<td>09:00 - 10:00 AM</td>
<td>Coronaviruses: History and Biology</td>
<td>Susan R. Weiss, PhD&lt;br&gt;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</td>
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<td>17-Sep</td>
<td>10:00 - 11:00 AM</td>
<td>Keynote Presentation: Discovery of SARS-CoV-2 antivirals through large-scale repositioning studies</td>
<td>Sumit Chanda, PhD&lt;br&gt;Director &amp; Professor, Immunity &amp; Pathogenesis Program, Sanford Burnham Prebys Medical Discovery Institute</td>
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<td>17-Sep</td>
<td>11:00 - 12:00 PM</td>
<td>Host and Viral Transcriptomes During COVID-19 Infection</td>
<td>Christopher E. Mason, PhD&lt;br&gt;Associate Professor of Genomics, Physiology, and Biophysics at Weill Cornell Medicine and the Director of the WorldQuant Initiative for Quantitative Prediction</td>
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<td>17-Sep</td>
<td>02:00 - 03:30 PM</td>
<td>Keynote Presentation: The formation of an International Collaborative Network to find COVID-19 Therapeutics</td>
<td>Jacqueline Fabius&lt;br&gt;Chief Operating Officer, Quantitative Biosciences Institute (QBI) Nevan Krogan, PhD&lt;br&gt;Professor of Cellular and Molecular Pharmacology, UCSF, Principal Investigator, Gladstone Institute of Data Science and Biotechnology, Director of the Quantitative Bioscience Institute</td>
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