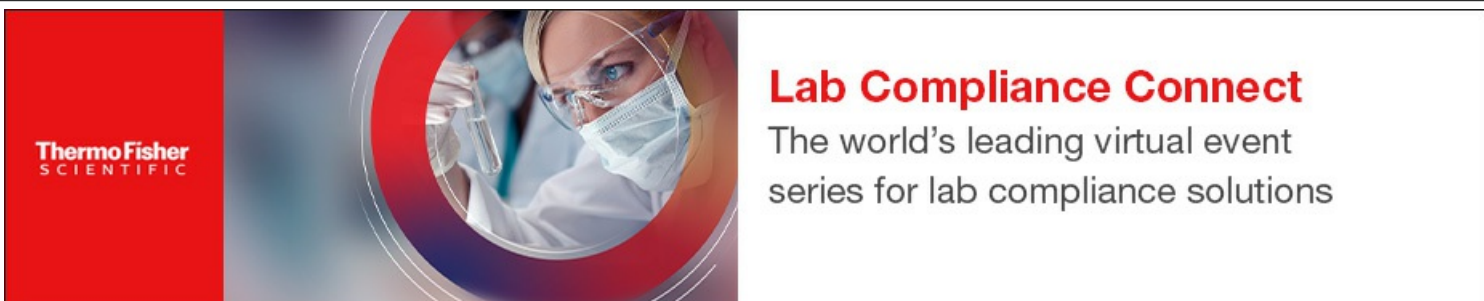




| Date   | Time                      | Track | Presentation Title                                                                                                                                      | Speaker                                                                                                                                                                                                                                        |
|--------|---------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29-Jun | 10:00 - 11:00 AM          |       | Instrument Qualification for a Quality Management System                                                                                                | Justin Haugen<br>Field Service Engineer, Thermo Fisher Scientific                                                                                                                                                                              |
| 29-Jun | 11:00 - 12:00 PM          |       | PCR Temperature Verification                                                                                                                            | Ryan Worton<br>Service Product Development Manager, Thermo Fisher Scientific                                                                                                                                                                   |
| 27-Jul | 10:00 - 11:00 AM          |       | Peter MacCallum Cancer Centre validation of the Oncomine™ Precision Assay and experience with the Ion Torrent™ Genexus™ System                          | Dr. Chelsee Hewitt, PhD<br>Peter MacCallum Cancer Centre, Lead Scientist, Solid Somatic Molecular Pathology Laboratory                                                                                                                         |
| 27-Jul | 10:30 - 11:30 AM          |       | Analytical Validation for Next-Generation Sequencing                                                                                                    | Rafael Ramirez<br>Global Business Development Manager, Professional Services, Thermo Fisher Scientific<br>John B. Williamson, M.S., CLS<br>Senior Technical Project Manager, Thermo Fisher Scientific                                          |
| 24-Aug | AUG 24, 2022 10:00 AM CDT |       | Microbial testing for the pharmaceutical industry: A straightforward path toward regulatory compliance, data integrity, and computer systems validation | Sandi True, Ph.D<br>Staff Scientist, Pharma Analytics Field Applications Team, BioProduction Group - Thermo Fisher Scientific<br>Darryl León, Ph.D<br>Senior Product Manager, Pharma Analytics, BioProduction Group - Thermo Fisher Scientific |
| 24-Aug | 10:45 - 11:15 AM          |       | Computer System Validation (CSV): Your Path to Documenting Data Integrity                                                                               | Niketan Kumar Singh (Nik Singh)<br>Technical Project Manager, Thermo Fisher Scientific                                                                                                                                                         |

|        |                  |  |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------|------------------|--|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28-Sep | 10:00 - 11:00 AM |  | Pharmacogenomics: Post COVID-19 Expansion of Molecular Testing | <p>Mara G. Aspinall<br/> Managing Director, Health Catalysts Group and<br/> Professor of Practice, Biomedical Diagnostics,<br/> Arizona State University</p> <p>Marilyn Owens, Ph.D., M.B.A.<br/> Founder and Principal, Medical Laboratory Strategy<br/> and Leadership, LLC</p> <p>Michael J. Donovan, Ph.D., JD<br/> Assistant Teaching Professor, Biomedical<br/> Diagnostics, Arizona State University</p> |
| 28-Sep | 11:00 - 12:00 PM |  | Analytical Validation for qPCR                                 | <p>Brunie B. White, Ph.D<br/> Field Applications Scientist, Thermo Fisher<br/> Scientific</p>                                                                                                                                                                                                                                                                                                                   |