

# AMP Reference Material Forum

November 14, 2017

Location/ Room: Ballroom ABC, Salt Lake Marriott Downtown at City Creek (75 S. West Temple, Salt Lake City, UT 84101)

## Agenda

**8:00 Introduction, GeT-RM Update**

*Lisa Kalman PhD, Centers for Disease Control and Prevention (CDC), Atlanta, GA*

**8:30 An inter-laboratory study of complex variant detection in clinical testing**

*Stephen E. Lincoln, Invitae, San Francisco, CA*

**9:00 Reference Materials for EQA: An EQA Providers Perspective from IQN Path**

*Sandi Deans PhD, UK NEQAS, Edinburgh, United Kingdom*

**9:30 What, No Reference Material? : Confessions of a PT Provider**

*Paul Wallace, PhD, Quality Control for Molecular Diagnostics (QCMD), Glasgow, United Kingdom*

**10:00-10:30 Break (On your own\*)**

**10:30 SEQC-II Somatic Mutation Working Group-Reference Materials for Next Generation Sequencing (NGS)-Based Tests**

*Liz Kerrigan, ATCC, Manassas, VA*

**11:00 Reference Materials for Validation of Structural Variants Identification by NGS Cancer Gene Panels**

*Francisco De La Vega D.Sc, Stanford University, Stanford, CA*

**11:30 NIST Reference Material 8366 for EGFR and MET Gene Copy Number Measurements and an Update on Circulating Cell-free DNA Reference Materials**

*Hua-Jun He PhD, National Institute of Standards and Technology (NIST), Gaithersburg, MD*

**12:00-1:30 (Lunch on your own\*)**

**1:30 Update- The SPOT-Dx Quality Assurance Pilot for Oncology Reference Samples**

*Barbara Zehnbaauer PhD, Emory University, Atlanta, GA*

**2:00 Lessons From NGS Sequencing of HHV-6 Reference Strains – Do They Make Good WHO Standards?**

*Linda Cook PhD, Alex Greninger M.D., PhD, University of Washington, Seattle, WA*

**2:30 Reference Standards For Infectious Disease - Lessons Learned and Future Needs**

*Clare Morris, National Institute for Biological Standards and Control (NIBSC), Potters Bar, United Kingdom*

**3:00 The NIST BK Virus Reference Material and an Update on Targeted Sequencing with GIAB Benchmark Genomes**

*Megan Cleveland PhD, National Institute of Standards and Technology (NIST), Gaithersburg, MD*

**3:30-3:45 Break (On your own\*)**

**3:45 Sequencing Resources for Difficult and Clinically-Relevant Variants**

*Mike Eberle PhD, Illumina, San Diego, CA*

**4:15 Best practices for benchmarking variant calls**

*Justin Zook PhD, National Institute of Standards and Technology (NIST), Gaithersburg, MD*

**4:45 Quality Considerations for Reference Materials**

*Nahid Turan PhD, Coriell Institute for Medical Research, Camden, NJ*

\*For a list of restaurant options near the Convention Center, please visit <https://www.visitsaltlake.com/amp2017/restaurants/>