

# AMP Reference Material Forum

November 19, 2024

Location: Hyatt Regency

Room: Regency Ballroom ABC

## Agenda

**10:00 Artificial “Nucleosomal” Plasma for External Quality Assessment (EQA) of Circulating Free DNA (cfDNA) Extraction**

*Victoria Williams, EMQN CIC, Manchester UK*

**10:30 Development and Interlab Validation of Methylated cfDNA Candidate Reference Material.**

*Zhiyong He PhD, NIST, Gaithersburg, MD*

**11:00 Use of Reference Materials in Provision of External Quality Assessment for Pharmacogenetic Panel Testing**

*Rebecca Goodall, EMQN CIC, Manchester UK*

**11:30-1:00 Lunch (on your own)**

**1:00 Towards Genome in a Bottle Somatic Variant Benchmarks for a Broadly-Consented Pancreatic Tumor Cell Line**

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

**1:30 The Somatic Reference Samples (SRS) Initiative: Advancements in Developing Tools for Validation of NGS-Based Cancer Diagnostics**

*Maryellen de Mars PhD, Medical Device Innovation Consortium (MDIC), Arlington, VA*

**2:00 Freeze-Dried, Worry Thawed: Armored RNA New Lyophilized Controls Offer Potential to Advance Molecular Testing in Resource Limited Settings**

*Deepa Eveleigh, MS, MB(ASCP), Asuragen, Austin, TX*

**2:30 From Expert Knowledge to Validation Resources – The Case for Using In Silico Approaches to Close the Gap in Available Reference Materials for Common Genetic Tests**

*Birgit Funke PhD, Shriners Children’s Genomics Institute, Tampa, FL*

*Somak Roy, MD, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH*

**3:00 Closing Remarks**