AMP Reference Material Forum

November 1, 2022
Location: Sheraton Phoenix Downtown
Room: Encanto AB
Agenda

9:00   **Development of reference materials for oncology diagnostics**
Leandro Lo-Cascio PhD, Medicines and Healthcare products Regulatory Agency, London, United Kingdom

9:30   **Characterization of reference materials for TPMT and NUDT15- A GeT-RM collaborative project**
Victoria M. Pratt PhD, Optum Genomics, Eden Prairie MN

10:00   **Development of reference materials for training, validation, and proficiency testing of cell-free DNA-based NGS assays**
Chris Raymond PhD, Ripple Biosolutions, Seattle WA

10:30   **Reference materials – the good, the bad and the ugly – an EQA perspective**
Sandi Deans PhD, GenQA, Edinburgh, United Kingdom

11:00-12:30 Lunch (on your own)

12:30   **Biobanking and reference materials: How new samples and biospecimen types raise the standard**
Matthew Mitchell PhD, Coriell Institute for Medical Research, Camden, NJ

1:00   **Somatic Reference Sample (SRS) Initiative – A collaborative approach toward improved validation of NGS-based diagnostic tests**
Maryellen de Mars PhD, Medical Device Innovation Consortium (MDIC), Arlington, VA

1:30   **Development of reference materials for DNA methylation measurements**
Hua-Jun He PhD, National Institute of Standards and Technology (NIST), Gaithersburg, MD

2:00   **Development of quality control methods for reliable NGS measurement of methylome in circulating DNA**
James Willey MD, University of Toledo, Toledo, OH

2:30-3:00 - Break (on your own)

3:00   **Evolution of technologies for generation of cell line-derived reference standards**
Anja Smith PhD, Horizon Discovery, a PerkinElmer company, Lafayette, CO

3:30   **Genome in a Bottle benchmarks for challenging medically relevant genes**
Justin Zook PhD, National Institute of Standards and Technology (NIST), Gaithersburg, MD

4:00   **NIST SARS-CoV-2 material (RGTM 10169) – results from an EQA scheme**
Megan Cleveland PhD, National Institute of Standards and Technology (NIST), Gaithersburg, MD