

2024 Get AMPed!

New, Emerging, and Tried and True Technologies in
Molecular Pathology with Interactive Case Studies

November 20, 2024 • Vancouver, British Columbia, Canada

Afternoon Session 12:30pm - 4:05pm

12:00pm Check in and Registration

12:30pm

Welcome and Introductions

Marjorie David, MD, MS *University of Texas Health Science Center at San Antonio*

12:35pm

To PCR and Beyond: Molecular Tools for Infectious Disease Detection

Cecilia Thompson, MS, PhD, D(ABMM) *Ann & Robert H. Lurie Children's Hospital of Chicago*

1:00pm

Introduction to Bioinformatics Pipeline and Data Formats

Weiwei Zhang, PhD *University of Nebraska Medical Center*

1:25pm

Clinical Utilities of Optical Genomic Mapping at a Clinical Cytogenetic Laboratory

Ying Zou, MD, PhD *Johns Hopkins University*

1:50pm Break

2:00pm

Concurrent BREAK-OUT Sessions (4 sessions x 30 min each)

Case Studies in Genetics

Kristy Crooks, PhD *University of Colorado Anschutz Medical Campus*

Ying Zou, MD, PhD *Johns Hopkins University*

Case Studies in Hematopathology

Kenneth N. Ofori, MBChB, MHS *Indiana University Health*

Sara Akhavanfar, MD, PhD *University Hospital Cleveland Medical Center/Case Western Reserve University*

Case Studies in Infectious Diseases

Heba H. Mostafa, MD, PhD, D(ABMM) *Johns Hopkins Medicine*

Cecilia Thompson, MS, PhD, D(ABMM) *Ann & Robert H. Lurie Children's Hospital of Chicago*

Case Studies in Solid Tumors

Rashmi Goswami, MD, PhD *Sunnybrook Health Sciences Centre*

Mark D. Ewalt, MD *Memorial Sloan Kettering Cancer Center*

4:00pm Closing Remarks

Marjorie David, MD, MS, *University of Texas Health Science Center at San Antonio*

4:05pm Course End