

Calendar of Events

agtinfoNOW@agt-info.org

April 29, 2026

Webinar: An Integrated Cytogenomic Approach to Evaluate Hemato-Oncology Cases in 2026

01:00 PM - 02:00 PM EST

Denise Juroske Short, 4235674248

agtinfoNOW@agt-info.org

Virtual webinar provides 1.0 CE credits. Complementary registration available to AGT members. Non-members can receive CE credits for \$20.

Events will be recorded and converted to self-study for self-paced format, available at a later date . Fees may be modified based on format.

Presented by:

Carlos Tirado, PhD and Jaymie Oentoro, MD

Renaissance School of Medicine

Stony Brook University, NY

Description:

This educational session will provide an overview of key abnormalities observed in hematological malignancies, with an emphasis on integrating multiple diagnostic approaches. Participants will explore how to effectively correlate morphology, flow cytometry, and cytogenetic findings to support accurate diagnosis and clinical decision-making. The session will also address strategies for characterizing abnormal karyotypes within the context of evolving technologies and modern laboratory practices. Designed for laboratory professionals, this program aims to strengthen interpretive skills and enhance understanding of comprehensive diagnostic workflows in hematologic disease.

Objectives:

*Identify the main Abnormalities in hematological malignancies.
Correlate morphology, flow cytometry and cytogenetics findings.
Characterize an abnormal karyotype in the new era.*

May 21, 2026

Webinar: Inside CAP Inspections in Cytogenetics and How to Navigate the Checklist

12:00 PM - 01:00 PM EST

Denise Juroske Short, 4235674248

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Presented by:

Yang Cao, PhD, FACMG

Associate Professor, Department of Pathology and Immunology

Program Director, Laboratory Genetics and Genomics Fellowship

Medical Director of Cytogenetics, Clinical Genomics Laboratory

?Washington University in St. Louis, School of Medicine

Description:

Join us for a 1-hour virtual webinar designed for cytogenetics laboratory professionals seeking practical guidance on CAP inspections. This session will focus on commonly misunderstood checklist requirements, frequent pitfalls observed during inspections, and actionable strategies to ensure compliance. Participants will gain insights to confidently prepare for inspections, maintain laboratory standards, and improve overall quality management.

Objectives:

Identify commonly misunderstood CAP checklist requirements in cytogenetics laboratories to reduce deficiencies during inspections.

Analyze frequent pitfalls observed during cytogenetics CAP inspections and develop strategies to prevent them.

Apply best practices for preparing and maintaining cytogenetics lab compliance using the CAP checklist as a practical guide.

Interpret CAP inspection feedback effectively to improve laboratory processes and ensure ongoing compliance.

June 28, 2026
- July 2, 2026

2026 Joint Annual Meeting
St. Louis Union Station Hotel
1820 Market St.
St. Louis, MO 63103

08:00 AM - 05:00 PM EST
agtinfo@agt-info.org
Join us in St. Louis, MO for JAM 2026.

The American Society for Clinical Laboratory Science (ASCLS), Association of Genetic Technologists (AGT), and Society of American Federal Medical Laboratory Scientists (SAFMLS) holds a single Joint Annual Meeting (JAM), integrating educational programs, abstracts/posters, and industry engagement platforms.

This format allows for an expanded and broadened educational program and gives attendees access to a wider range of industry partners. The groups' planning committees are focused on adopting innovative, new approaches to learning and industry engagement to build a unique, new attendee experience.

June 28, 2026

Workshop: Optical Genome Mapping: Validation, Analysis, and Technical Considerations
St. Louis Union Station Hotel
1820 Market St.
St. Louis, MO 63103

01:00 PM - 04:30 PM CST
Association of Genetic Technologists, 4235674248
agtinfo@agt-info.org

This practical educational session delivers a three (3) hour comprehensive, clinic-focused program on implementing Optical Genome Mapping (OGM) across validation, analysis, and laboratory workflow. Attendees will learn how to establish and document assay performance—covering sample requirements, limits of detection, sensitivity, specificity, reproducibility, and key validation metrics—illustrated with case-based, real-world examples. The program presents a structured, stepwise approach to OGM data analysis using current software tools, including quality-control review, cutoff thresholds, use of analysis-specific BED files, differentiation of pathogenic and benign structural variants, variant curation and classification, report generation, and application of ISCN nomenclature for OGM. Practical technical guidance addresses the full laboratory workflow from ultra-high-molecular-weight DNA extraction through chip loading, with troubleshooting strategies to optimize data quality and assay performance.

Designed for laboratory professionals, this session equips participants with actionable strategies to strengthen validation, analysis, and implementation of OGM in clinical practice.

Available for in-person registrants only.

Presenters:

Rashmi Kanagal Shamanna, MD, MD Anderson Cancer Center
Brandon Shaw, PhD, Henry Ford Medical Center
Gordana Raca, MD, PhD, F(ACMG), Cincinnati Children's Hospital