

Scientific Roundtables

Wednesday, April 30, 2025: 11:45am – 1:15pm

Additional Data Revealed by Modern PGT-A Methods: Understanding Mosaicism, Detecting DNA Contamination and Sample Mix-Ups, and Performing a Molecular Fertilization Check by Dagan Wells, Ph.D.

Add-Ons: You Have Only One Option. Which Would It Be? AI in the Lab and How It Can Help Me by Klaus Wiemer, Ph.D., HCLD(ABB)

Assessment and Application of Lab Quality/Safety Improvement; Sharing Lived Experiences by Sung Tae Kim, Ph.D., HCLD(ABB)

Automation to Relieve Embryologists: What's Out There? by Christine Allen, Ph.D., M.Sc., TS(ABB)

Beyond the Protocols: Learning to Lead in the Lab by Sangita Jindal, Ph.D., HCLD(ABB)

Effective Application of Emerging Technologies to the Cryo-Inventory Management of Reproductive Tissues by Matthew C. Hudnall, M.Sc., TS(ABB), CLC(AMT)

Enhancing Outcomes in IVF Laboratories: Navigating the Human Element Through Leadership and Emotional Intelligence by Murat Basar, Ph.D., M.Sc.

How Historic Perspectives Catalyze Design of Future IVF Technology by Kathryn Go, Ph.D., HCLD(ABB)

How to Assess AI Impact on Your Clinic by Piotr Wygocki, Ph.D.

Making Sense of IVF Lab Data: Tools and Workflows by Oleksii Barash, Ph.D., HCLD(ABB)

Predicting Frequency Distributions of Biopsied Genotypes by Their Discrete Cohort Size Using the Binomial Theorem by Sheela Ali, Ph.D., HCLD/TS/CC(ABB)

The Importance of Ethics in Third Party Reproduction by Sunday Crider-Pirkle, Ph.D., HCLD/ELD(ABB)

The Importance of Laboratory Leaders in the Corporate Paradigm by Jason Swain, Ph.D., HCLD(ABB)

Tissue Banking Nightmares to Avoid by Marybeth Gerrity, Ph.D., HCLD/CC(ABB)

Utilization of Sperm Epigenetics for the Prediction of ART Outcomes by Kristin Brogaard, Ph.D.

Vitrification and Rapid Elution: Data & Scientific Reasoning Behind Current Changes by James Stachecki, Ph.D.

What We Can Do to Increase the Patient Experience with the Lab by Bec Holmes, Ph.D., HCLD(ABB)

Whole Genome Sequencing in Assisted Reproduction and Preimplantation Genetic Testing - Current Applications and Future Directions by Nick Murphy, Ph.D.