

## Scientific Roundtables

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

**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) **(FULL)**

**Advancing IVF with Genomics: Is WGS the next step?** by Juliana Cuzzi, Ph.D.

**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. **(FULL)**

**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) **(FULL)**

**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 Laboratory Leaders in the Corporate Paradigm** by Jason Swain, Ph.D., HCLD(ABB) **(FULL)**

**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. **(FULL)**

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

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

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