

CRB Workshop: Unlocking the Next Generation of IVF Laboratories Preliminary Schedule of Events

TIME	EVENT
8:00-8:10 a.m.	Welcome by Christine Allen, Ph.D., M.Sc., TS(ABB)
8:10-8:30 a.m.	FertilityX: A Novel AI-Based Tool to Identify and Select Viable Sperm Cells Designed for Cases of Low Sperm Count by Reut Bartoov, Ph.D.
8:30-8:50 a.m.	Genea Biomedx: Time Lapse Incubator and the Beginning of the Automation Times by Christine Allen, Ph.D., M.Sc., TS(ABB)
8:50-9:10 a.m.	XiltriX North America, LLC: Learning from Pharmaceutical Cleanrooms: How to Improve Air Quality in the IVF Lab by Stephen Tierney, B.Sc.
9:10-9:30 a.m.	MIM Fertility: The Role of AI in Optimizing Lab Processes by Piotr Wygocki, Ph.D.
9:30-9:50 a.m.	ALIFE Health: An AI-Powered Clinical Decision Support Tool That Optimizes IVF Retrieval Schedules to Balance Patient Triggers, Reducing OR Bottlenecks and Lab Overload by Michael Fanton, Ph.D.
9:50-10:10 a.m.	PharmaWatch: Cryogenic Tank Nitrogen Level Monitoring and Alerting by Fred Roe
10:10-10:30 a.m.	Break
10:30-10:50 a.m.	CooperSurgical: Building Trust in IVF: The Role of Electronic Witnessing by Joaquín Blanco Sánchez
10:50-11:10 a.m.	LifeAire Systems, LLC: The Current State of Air Quality in IVF Labs by Jason Russack, M.S.
11:10-11:30 a.m.	Vitrolife Group: Time Lapse Benefits by Philip Marsh, MS
11:30-11:50 a.m.	Cryo Hexagon: Outlining the Impact Integrating An Advanced Cryogenic Racking System Has On the Laboratory Infrastructure and Overall SOPs by Roe Sela, Ph.D.
11:50 a.m.-12:10 p.m.	GenEmbryomics: Whole Genome Sequencing in Assisted Reproduction and Preimplantation Genetic Testing – Current Applications and Future Directions by Nick Murphy, Ph.D.
12:10-12:30 p.m.	Overture: Vitrification – Automation via Microfluidics by Santiago Munne, Ph.D.
12:30-1:30 p.m.	Lunch (on your own)

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TIME	EVENT
1:30-1:50 p.m.	CryoFuture: Frozen Frontiers: Measuring Cryogenic Tank Efficiency and Safety by Devin Monahan, M.Sc.
1:50-2:10 p.m.	Boreas Monitoring Solutions: How Redundant Monitoring Uses Multiple Independent Systems to Continuously Track Critical Parameters by Will Baird, M.Sc.
2:10-2:30 p.m.	NextGen LifeLabs/IMT Matcher: Traceability in Fertility – What Does It Really Mean? by Chelsey Leisinger, Ph.D.
2:30-2:50 p.m.	Artisan Medical Solutions: EMR Usability and Integration by Rebecca Holmes, Ph.D., HCLD(ABB)
2:50-3:00 p.m.	Introduction to Demonstrations
3:00-5:30 p.m.	Demonstrations