



**American Society of Andrology 51st Annual Conference
(Scottsdale, Arizona)**

**ANDROLOGY LAB WORKSHOP (ALW)
Saturday, April 18, 2026**

Chair: Prof. Suresh Sikka, PhD, HCLD, CC (ABB)
Vice-Chair: Dr. Manesh Kumar Panner Selvam, PhD, TS (ABB)/ ALS (AAB)

Workshop Program

**Exploring Innovative Lab Procedures Beyond Routine Semen Analysis in
Andrology and Embryology Centers**

Time	Description
08:00 am – 08:30 am	Continental Breakfast & Check-in; Introduction to ALW program – Dr. Sikka
08:30 am – 09:15 am	From So Simple A Beginning: The Evolution of Semen Analysis and Male Fertility Testing Faculty: Matthew C. Hudnall, MS, TS(ABB), CLC(AMT)
09:15 am – 10:00 am	Assay Validation for New & Innovative Andrology Lab Procedures Faculty: G. Charles Ostermeier, PhD, HCLD
10:00 am – 10:15 am	Break
10:15 am – 11:15 am	Oxidative Stress Testing in the Management of Male Infertility Faculty: Jorge Hallak, MD, PhD
11:15am – 12:00 noon	Advancements in Sperm DNA Fragmentation Testing Faculty: Manesh Kumar Panner Selvam, PhD, TS(ABB)/ALS(AAB) and Suresh Sikka, PhD, HCLD, CC (ABB)
Lunch Break, Sponsored and Guest Lecture	
12:00 noon – 12:30 pm	Lunch Break
12:30 pm – 1:30 pm	Y Everyone Should Care About Your Sperm Tanks Sponsor: Boreas Monitoring Solutions; Speaker Will Baird,MS
1:30 pm – 2:15 pm	Semen Exosomes: Molecular Regulators of Male Fertility and Emerging Therapeutic Frontiers Speaker: Luna Samanta, Ph.D., FNASc
Session #2	
2:15 pm – 3:00 pm	Sperm Selection for IUI and IVF: New Technologies for Selection of High-Quality Spermatozoa Faculty: Charles Muller, PhD, HCLD
3:00 pm – 3:15 pm	Break
3:15 pm – 4:00 pm	Testicular Sperm Preparation for ICSI and New Development on Spermatogonial Stem Cell Technology Faculty: Hooman Sadri-Ardekani, MD, PhD
04:00 pm – 04:20 pm	Feedback from Attendees and Concluding Remarks – Dr. Sikka
04:20 pm – 04:30 pm	Group Picture, Certificate Distribution and Adjourn

Sponsors: Boreas Monitoring Solutions and Caerus Biotech (MiOXSYS)

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