

# ANDROLOGY LAB WORKSHOP AGENDA

ASA 49TH ANNUAL CONFERENCE  
APRIL 29 - MAY 2, 2024



EMBASSY SUITES DENVER DOWNTOWN  
DENVER, COLORADO

## CLINICAL IMPLICATIONS OF ANDROLOGY LABORATORY PROCEDURES AND ROLE OF ARTIFICIAL INTELLIGENCE (AI)

*All sessions will be located in the Crestone Ballroom (3rd Floor) unless otherwise noted.*

### MONDAY, APRIL 29, 2024

7:00 am – 5:00 pm	Registration/Information Desk Open <i>Crystal Foyer</i>
8:00 am – 8:30 am	Breakfast/Check-in/Introduction to ALW
<b>SESSION #1</b>	
8:30 am	Sperm Morphology Assessment and its Clinical Implications – Role of AI <i>Charles Muller, PhD, HCLD</i>
9:00 am	Interactive Workshop: Sperm Morphology (with exercises and quiz) <i>Anna-Marie Bort, MLT (ASCP)<sup>CME</sup></i>
10:30 am – 10:45 am	Break
10:45 am	Translational Andrology: When Oxidative Stress Meets Antioxidants – New Insights in Laboratorial Clinical Management in Male Infertility <i>Jorge Hallak, MD, PhD</i>
11:15 am	Sperm DNA Damage and its Clinical Implications – Role of AI <i>Manesh Kumar Panner Selvam, PhD, ALS(ABB), Matthew C. Hudnall, MS, TS(ABB), CLC(AMT)</i>
11:45 am – 1:45 pm	Lunch Break and Sponsored Lectures
12:15 pm	Interactive Workshop: AI Based Sperm DNA Damage Detection System <i>Kevin Chuang - Sponsored by Bonraybio Co. Ltd., Taiwan</i>
1:00 pm	NovoSort: Technology for Sperm Processing and Eliminating the Potential Damage for Diagnostic and ART Purposes in Clinical Practice <i>Samuel D. Prien, PhD - Sponsored by Reproductive Solutions (RSI)</i>
<b>SESSION #2</b>	
1:45 pm	Interactive Workshop: Diagnostics and Clinical Evaluation of Azoospermia (with exercises and quiz) <i>Charles Muller, PhD, HCLD, Hooman Sadri-Ardekani, MD, PhD</i>
2:45 pm – 3:00 pm	Break
<b>SESSION #3</b>	
3:00 pm	Erectile & Ejaculatory Dysfunction: Basics with a Focus on Diagnostic Tools <i>Omer Raheem, MD, MSc</i>
3:30 pm	Interactive Workshop: SOP for Duplex Ultrasound in Assessment of Erectile Dysfunction (with exercises and quiz) <i>Suresh Sikka, PhD, HCLD, CC (ABB)</i>
4:15 pm – 4:30 pm	Feedback from Attendees and Adjourn

