

2024 AAB Educational Conference, CRB Symposium & Workshop, and NILA Lab Leaders Forum
May 7–10 • Las Vegas (Summerlin), Nevada
JW Marriott Las Vegas Resort & Spa

Preliminary Schedule of Events

As of March 7, 2024 v5.6

Tuesday, May 7, 2024		
Time	Pre–Conference Events	
7:00 a.m. – 5:30 p.m.	Conference Registration	Valencia Ballroom
8:00 a.m. – 4:00 p.m.	American Board of Bioanalysis (ABB) Certification Examination	Grand Ballroom CDE
8:00 a.m. – 4:00 p.m.	Optional CRB Workshop: Imagining the Future of IVF	Cascade Room 6.5 Hours
Wednesday, May 8, 2024		
Time	CRB Symposium <i>Grand Ballroom CDE</i>	AAB/AMS Technical Program “Bridging the Laboratory and Management Divide” <i>Cataluna Room</i>
7:00 a.m. – 7:30 p.m.	Conference Registration	Valencia Ballroom
7:00 a.m. – 8:00 a.m.	Continental Breakfast	Valencia Ballroom
8:00 a.m. – 8:15 a.m.	Welcome and Opening Remarks	
8:15 a.m. – 9:15 a.m.	Keynote Presentation: IVF Laboratory Staffing Considerations <i>Jason E. Swain, M.S., Ph.D., HCLD(ABB)</i> CCRM Fertility 1 Hour	The Application of Genomics to Drug-Resistant Hospital Acquired Infections <i>Mark Pandori, Ph.D., HCLD(ABB)</i> Director, Nevada State Public Health Laboratory
9:15 a.m. – 10:15 a.m.	Oocyte Development <i>David F. Albertini, Ph.D.</i> Professor of Reproductive Cell Biology, Bedford Research Foundation, Bedford, Massachusetts Editor-in-Chief, Journal of Assisted Reproduction and Genetics Visiting Scientist, Center for Human Reproduction and The Rockefeller University, New York, New York 1 Hour	Wastewater-Based Epidemiology <i>Charles Gerba, Ph.D., aka Dr. Germ</i> Professor of Virology, Dept. of Environmental Sciences WEST Center, University of Arizona
10:15 a.m. – 10:45 a.m.	Break	Valencia Ballroom

Wednesday, May 8, 2024 (continued)		
Time	CRB Symposium Grand Ballroom CDE	AAB/AMS Technical Program “Bridging the Laboratory and Management Divide” Cataluna Room
10:45 a.m. – 11:45 a.m.	Improved Evaluation and Processing of Semen and Sperm in the ART Setting Charles “Chip” Muller, Ph.D., HCLD/CC(ABB) Male Fertility Lab, Men’s Health Center, Dept. of Urology, University of Washington School of Medicine, Seattle, Washington 1 Hour	Diagnostic Medical Parasitology 2024 Update Lynne S. Garcia, MS, F(AAM), CLS, BLM Director, LSG & Associates
11:45 a.m. – 1:15 p.m.	Lunch and Scientific Roundtable Presentations <div>Cascade Room 1 Hour</div>	
1:15 p.m. – 2:15 p.m.	Validating Embryo Diagnostics Richard Scott Jr., M.D., HCLD/ALD(ABB) Foundation for Embryonic Competence Basking Ridge, New Jersey 1 Hour	SARS-CoV-2: Infections and Vaccines Update John H. Hughes, Ph.D. Professor Emeritus, The Ohio State University
2:15 p.m. – 2:45 p.m.	pH Regulation in Oocytes Brian LoManto, MS Everie Boston, Massachusetts 0.5 Hours	Using Artificial Intelligence (AI) in the Clinical Laboratory David Silva, M.Sc. Quality Manager, Dallas County Health and Human Services
2:45 p.m. – 3:30 p.m.	Break <div>Valencia Ballroom</div>	
3:30 p.m. – 4:00 p.m.	Imaging the Preimplantation Embryo Rian Salasin, Ph.D. Division of Reproductive Endocrinology and Infertility, University of Pennsylvania, Philadelphia, Pennsylvania 0.5 Hours	(3:30 p.m. – 4:30 p.m.) Emerging Technology: Raman Spectroscopy David Smalley, Ph.D., BCLD/PHLD(ABB) Trish Cisarek, Ph.D. Cisarik and Smalley, LLC
4:00 p.m. – 6:00 p.m.	Oral Abstracts 2 Hours	(4:30 p.m. – 5:30 p.m.) Gene Markers/CRISPR Generated Cure for Sickle Cell Anemia Parth S. Shah, MD Dartmouth-Hitchcock Medical Center
6:00 p.m. – 7:30 p.m.	Welcome Reception and Poster Session <div>Valencia Ballroom 1 Hour</div>	
Thursday, May 9, 2024		
Time	CRB Symposium Grand Ballroom CDE	AAB/AMS Technical Program “Bridging the Laboratory and Management Divide” Cataluna Room
7:00 a.m. – 7:30 p.m.	Conference Registration <div>Valencia Ballroom</div>	
7:30 a.m. – 8:30 a.m.	Continental Breakfast <div>Valencia Ballroom</div>	

Thursday, May 9, 2024 (continued)			
Time	CRB Symposium Grand Ballroom CDE	AAB/AMS Technical Program “Bridging the Laboratory and Management Divide” Cataluna Room	
8:30 a.m. – 9:25 a.m.	Non-Invasive PGT–A Cengiz Cinnioglu, Ph.D. NextGen Genetics Santa Clara, California 1 Hour	Update on CLIA-Approved Accreditation Programs Kim Ogren – COLA Denise Driscoll - CAP	
9:25 a.m. – 10:20 a.m.	PGT–P Nathan R Treff, Ph.D., HCLD/TS(ABB) Genomic Prediction North Brunswick, New Jersey 1 Hour	(9:25 a.m. – 10:00 a.m.) Political Crystal Ball 2024 Congressional Landscape and 2024 Election Outlook Erin Will Morton – CRD Associates Meghan Riley – CRD Associates	
		(10:00 a.m. – 10:20 a.m.) CLIA Regs Part 1: New Personnel Regulations Effective 12/28/2024 Robert Footlik, M.S., MLS(ASCP), HCLD(ABB-Ret) Special Consultant AAB/NILA/CRB	
10:20 a.m. – 10:50 a.m.	Break <		

Thursday, May 9, 2024 (continued)			
Time	CRB Symposium <i>Grand Ballroom CDE</i>	AAB/AMS Technical Program “Bridging the Laboratory and Management Divide” <i>Cataluna Room</i>	NILA Lab Leaders Forum
2:15 p.m. – 3:00 p.m.	Break <div>Valencia Ballroom</div>		
3:00 p.m. – 4:00 p.m.	IVF Media Formulation and Embryo Metabolomics <i>Denny Sakkas, Ph.D.</i> Boston IVF, Waltham, Massachusetts Yale University School of Medicine, New Haven, Connecticut 1 Hour	Laboratory Management in the Current Healthcare Environment <i>Lynne S. Garcia, MS, F(AAM), CLS, BLM</i> Director, LSG & Associates	PAMA/SALSA and FDA Oversight of LDTs <i>Erin Will Morton – CRD Associates</i> <i>Meghan Riley – CRD Associates</i>
4:00 p.m. – 5:00 p.m.	Improving Efficiency in the IVF Laboratory and Beyond <i>Liesl Nel-Themaat, Ph.D., HCLD(ABB), MBA</i> IVF Laboratory Director, Stanford Medicine Fertility and Reproductive Health Associate Clinical Professor, Stanford University School of Medicine, Sunnyvale, California 1 Hour	(4:00 p.m. – 4:30 p.m.) Laboratory Management in the Current Healthcare Environment (continued) <i>Lynne S. Garcia, MS, F(AAM), CLS, BLM</i> Director, LSG & Associates	Emergency Preparedness (for Labs) <i>Annette Iacono</i> <i>David Smalley, Ph.D., BCLD/PHLD(ABB)</i> Emergency Preparedness (for U.S.) <i>Robert Middelberg, Ph.D.</i> <i>Jeanne Ohrnberger, Ph.D., HCLD/CC(ABB)</i> <i>Meghan Riley – CRD Associates</i> <i>David Smalley, Ph.D., BCLD/PHLD(ABB)</i>
5:00 p.m. – 6:00 p.m.	Non-Invasive Embryo Screening Using Metabolic Profiling and Machine Learning <i>Nabil Arrach, Ph.D.</i> Progenesis, Inc.,La Jolla, California 1 Hour	(4:30 p.m. – 5:30 p.m.) Worker Shortages, Employee Burnout, and the 2024 Workforce Action Alliance Summit <i>Robert Sautter, Ph.D., HCLD/CC(ABB)</i>	(4:45 p.m. – 5:30 p.m.) Open Forum/Discussion/Q&A
			(5:30 p.m. – 6:00 p.m.) NILA Business Meeting
6:00 p.m. – 7:00 p.m.	Networking Reception <div>Valencia Ballroom</div>		
Friday, May 10, 2024			
Time	CRB Symposium <i>Grand Ballroom CDE</i>	NILA Lab Leaders Forum	
7:00 a.m. – 12:30 p.m.	Conference Registration <div>Valencia Ballroom</div>		
7:45 a.m. – 9:00 a.m.	Continental Breakfast <div>Valencia Ballroom</div>		
8:00 a.m. – 9:00 a.m.	AAB Business Meeting (Open to All AAB Members) <div>Cataluna Room</div>		

Friday, May 10, 2024 (continued)		
Time	CRB Symposium Grand Ballroom CDE	NILA Lab Leaders Forum
9:00 a.m. – 9:45 a.m.	Rapid Warming: Trials and Tribulations <i>Tyl Taylor, Ph.D., HCLD(ABB)</i> Allen Reproductive Center McKinney, Texas 0.75 Hours	(9:00 a.m. – 10:00 a.m.) Billing/Coding/Reimbursement Issues, Including: Fixing Mistakes Contract Terms with Billing Companies Narrow Networks Medicaid Exclusion from Managed Care Programs <i>Speakers To Be Announced</i>
9:45 a.m. – 10:30 a.m.	Fast and Furious: Rewriting Vitrification/Warming Protocols for Human Oocytes <i>Juergen Liebermann, Ph.D., HCLD/TS/CC(ABB)</i> Fertility Center of Illinois US Fertility Ovation Chicago, Illinois 0.75 Hours	(10:00 a.m. – 10:30 a.m.) Legal Issues: Fraud and Abuse Independent Contractor vs. Employee Proposed Pay Transparency Rule Corporate Transparency Act Proposed Rule for Overtime Eligibility Any Willing Provider Law in Tennessee (John Weiss, Ph.D.) <i>Jeffrey Sherrin, Esq., Graig Zappia, Esq., Samantha Femia, Esq. – O'Connell and Aronowitz</i>
10:30 a.m. – 11:00 a.m.	Break Valencia Ballroom	
11:00 a.m. – 12:00 p.m.	Maturation of the Oocyte: From the Primordial Follicle to Ovulation <i>David Albertini, Ph.D.</i> Professor of Reproductive Cell Biology, Bedford Research Foundation, Bedford, Massachusetts Editor-in-Chief, Journal of Assisted Reproduction and Genetics Visiting Scientist, Center for Human Reproduction and The Rockefeller University, New York, New York 1 Hour	(11:00 a.m. – 11:30 a.m.) Legal Issues (continued)
		(11:45 a.m. – 12:15 p.m.) Open Forum/Discussion/Q&A
12:00 p.m. – 12:30 p.m.	Registration for Optional CAP Reproductive Laboratory Accreditation Program Inspector Training Seminar	
12:30 p.m. – 6:00 p.m.	Optional CAP Reproductive Laboratory Accreditation Program Inspector Training Seminar <i>Erica Behnke, Ph.D., HCLD(ABB)</i> <i>Richard M. Scanlan, M.D., FCAP</i> <i>Jean Ball, MBA, MT(HHS), MLT(ASCP)</i> <i>Trudy Darden, MA, MT(ASCP)</i> The CAP Workshop is <u>not</u> included in the CRB Symposium registration package. Separate registration for the CAP program will be required.	

5 Hours

Preliminary Breakdown of Continuing Education

AAB/AMS Technical Program	15.5 Contact Hours
CRB Workshop (Optional).....	6.5 Contact Hours
CRB Symposium	19.5 Contact Hours
CAP Inspector Training Workshop (Optional)	5.0 Contact Hours
CRB Workshop & Symposium + CAP Inspector Training Workshop	31.0 Contact Hours
NILA Lab Leaders Forum	17.0 Contact Hours

The AAB/AMS Technical Program, CRB Workshop, Symposium, and CAP Reproductive Laboratory Accreditation Program Inspector Training Seminar have been approved by PEER (American Board of Bioanalysis). In addition, contact hours earned can be used to satisfy CE requirements in the states of California, Florida, Louisiana, and Montana. Contact hours listed above represent the maximum an individual could earn if attending all sessions available in a particular program.

Disclaimer: The content and views presented in this educational activity are those of the faculty/authors and do not necessarily reflect those of the American Association of Bioanalysts (AAB) or the AAB College of Reproductive Biology (CRB). The presented materials and information are not necessarily exhaustive of the subject matter, and laboratory professionals and all other individuals should review and consider other relevant materials and professional opinions and advice on the subject matter before making appropriate decisions.

*The 2024 AAB Conference and CRB Symposium are being held in conjunction with the **National Independent Laboratory Association (NILA) Mid-year Meeting and Lab Leaders Forum**. NILA, a trade association for the community, regional, and health system clinical laboratories, will hold its annual Lab Leaders Forum Thursday-Friday, May 9-10.*