

Agenda

Program Chairs: Scott Lundy, MD, PhD and Celia Santi, MD, PhD

All sessions will be located in the Mohave and Kiva Rooms unless otherwise noted. Speakers/times are subject to change.

Saturday, April 18, 2026

7:00 am – 5:00 pm	Registration/Information Desk Open <i>Silverman Foyer</i>
4:00 pm – 9:00 pm	Exhibits Open <i>Silverman Foyer</i>
4:00 pm – 5:30 pm	Trainee Affairs Committee Networking and Flash Talks
6:00 pm – 6:15 pm	ASA President's Welcome and Opening Remarks
6:00 pm	<i>ASA President: Kyle Orwig, PhD</i>
6:10 pm	<i>Program Chairs: Scott Lundy, MD, PhD and Celia Santi, MD, PhD</i>
6:15 pm – 7:15 pm	EMIL STEINBERGER MEMORIAL LECTURE How and Why Sperm are Changed within the Female Reproductive Tract <i>Supported by the Emil Steinberger Endowment Fund</i> <i>Introducer: Celia Santi, MD, PhD - Washington University, USA</i> <i>Speaker: Mariana Wolfner, PhD - Cornell University, USA</i>
7:15 pm – 9:00 pm	ASA Welcome Reception <i>Silverman Foyer</i>

Sunday, April 19, 2026

6:30 am – 8:00 am	Past President's Breakfast <i>Desert/Encanto I</i>
6:30 am – 6:15 pm	Registration/Information Desk Open <i>Silverman Foyer</i>
7:00 am – 3:30 pm	Exhibits Open <i>Silverman Foyer</i>
8:00 am – 8:10 am	ASA Distinguished Andrologist Award <i>Supported by the Eugenia Rosenberg Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducer: TBD</i> <i>Recipient: TBD</i>
8:10 am – 8:20 am	ASA Distinguished Service Award <i>Supported by the ASA Past Presidents Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducer: TBD</i> <i>Recipient: TBD</i>
8:20 am – 8:30 am	ASA Impact Award <i>Supported by the Eugenia Rosenberg Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducer: TBD</i> <i>Recipient: TBD</i>

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Sunday, April 19, 2026 (continued)

8:30 am – 10:00 am	SYMPOSIUM I: Environment, Exposures and Endocrine Effects <i>Moderators: Raevti Bole, MD; Neel Parekh, MD - Cleveland Clinic, USA</i>
8:30 am	The Impact of Air Pollution, Global Warming, and Endocrine Disruptors on Male Fertility <i>Audrey Gaskins, ScD - Emory University, USA</i>
8:50 am	Wildfire Smoke and Male Fertility <i>Tristan Nicholson, MD, PhD - University of Washington, USA</i>
9:10 am	Exposure to Human-relevant Doses of Endocrine-disrupting Chemicals and Pharmaceutical Mixtures: Is There a Risk for Testicular Function? <i>Martine Culty, PhD - University of Southern California, USA</i>
9:30 am	Oral Abstract #1: Finasteride 1 mg: Silent Impacts on Male Fertility Despite Preserved Hormonal Balance <i>Nilson Marquardt Filho, MD - University of Sao Paulo Medical School, Brazil</i>
9:37 am	Oral Abstract #2: Occupational Demands During the Transition to Fatherhood and Black Men's Perinatal Health <i>Adaobi Anakwe, MPH, PhD - Drexel University, USA</i>
9:45 am	Q&A
10:00 am – 10:30 am	GEORGE L. GERTON LECTURE TO EXPAND PERSPECTIVES IN ANDROLOGY: Health Disparities in Male Reproductive Urology <i>Supported by the ASA Educational Endowment Fund</i> <i>Introducer: Kristian Black, MD - Cleveland Clinic, USA</i> <i>Speaker: Juan Andino, MD - UCLA, USA</i>
10:30 am – 11:00 am	BREAK <i>Silverman Foyer</i>
11:00 am – 12:15 pm	Poster Session I <i>Hacienda/Paloma</i> <i>*Not CME Accredited</i>
12:15 pm – 1:30 pm	Potential Industry Sponsored Product Theater
12:15 pm – 1:30 pm	LUNCH ON YOUR OWN
1:30 pm – 3:00 pm	SYMPOSIUM II: Sperm Maturation and Capacitation <i>Moderators: Pablo Visconti, PhD - University of Massachusetts, USA;</i> <i>Arturo Matamoros Volante, PhD - Colorado State University, USA</i>
1:30 pm	The Transmission of Non-genetically Inherited Phenotypes to Offspring by Sperm RNAs <i>Colin Conine, PhD - University of Pennsylvania, USA</i>
1:50 pm	Epididymal Influence on the Small RNA Payload of Mature Sperm <i>Upasna Sharma, PhD - University of California, Santa Cruz, USA</i>
2:10 pm	CatSper: The Essential Sperm Channel and Its Emerging Regulatory Mechanisms <i>Polina Lishko, PhD - Washington University, USA</i>
2:30 pm	Oral Abstract #3: Ubiquitin Proteasomal System in Sperm Function : Leveraging targeted Protein Degradation Via Proteolysis Targeting Chimeras (PROTACs) for Non-Hormonal Male Contraception <i>Lokesh Saini, MS, PhD - University of Massachusetts-Amherst, USA</i>
2:37 pm	Oral Abstract #4: Sperm Metabolic Studies Beyond Glucose: Fructose-fuelled Metabolic Reprogramming <i>Melanie Balbach, PhD - Michigan State University, USA</i>
2:45 pm	Q&A
3:00 pm – 3:30 pm	BREAK <i>Silverman Foyer</i>

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Sunday, April 19, 2026 *(continued)*

3:30 pm – 5:00 pm	SYMPOSIUM III: Artificial Intelligence in Male Fertility and Men's Health <i>Moderators: Justin Dubin, MD - Memorial Health System, USA Shweta Bhagwat, PhD - Washington University in St. Louis, USA</i>
3:30 pm	Machine Learning and Microfluidics for Fertility <i>Reza Nosrati, PhD - Monash University, Australia</i>
3:50 pm	Harnessing AI for Atomic-level Insights into Gamete Recognition <i>Luca Jovine, PhD - Karolinska Institutet, Sweden</i>
4:10 pm	Characterization and Classification of Sperm Trajectories Beyond CASA Parameters <i>Diego Krapf, PhD - Colorado State University, USA</i>
4:30 pm	Oral Abstract #5: Crosstalk Between Sperm Mitochondrial DNA Copy Number and Nuclear DNA Methylation: Meta-Analysis and Machine-Learning in Preconception Cohorts <i>Savni Sawant, MS - Wayne State University School of Medicine, USA</i>
4:37 pm	Oral Abstract #6: Label-Free, Deep Learning Image-Based Flow Cytometry Enables Automated Analysis of Sperm Function and Morphology <i>Karl Kerns, PhD - Iowa State University, USA</i>
4:45 pm	Q&A
5:00 pm – 6:00 pm	Trainee Mixer Silverman Terrace <i>Sponsored by Program Committee & Trainee Affairs Committee</i>

Monday, April 20, 2026

7:00 am – 6:00 pm	Registration/Information Desk Open Silverman Foyer
7:00 am – 8:00 am	MENTORING BREAKFAST Fiesta/Coronado <i>Sponsored by the Diversity and Trainee Affairs Committees *Not CME Accredited Moderators: TBD Panelists: TBD</i>
7:00 am – 3:30 pm	Exhibits Open Silverman Foyer
8:00 am – 8:30 am	WOMEN IN ANDROLOGY LECTURE: Clinical Applications of Androgenetics: From Idiopathic Infertility to Oncofertility <i>Supported by the Women in Andrology Endowment Fund Introducer: WIA Chair, Klementina Fon Tacer, DVM, PhD - Texas Tech University, USA Speaker: Csilla Krausz, MD, PhD - University of Florence, Italy</i>
8:30 am – 10:00 am	SYMPOSIUM IV: Big Data for Little Cells: Leveraging the Power Multi-omics <i>Moderators: Melanie Balbach, PhD - Michigan State University, USA Miles Wilkinson, PhD - University of California, San Diego, USA</i>
8:30 am	Exploiting Single-cell and Spatial Transcriptomics to Investigate Male Germline Development <i>Brian Hermann, PhD - University of Texas, San Antonio, USA</i>
8:50 am	Leveraging Multi-omics Approaches to Define RNA Binding Protein Functions in Male Germ Cell Differentiation <i>Elizabeth Snyder, PhD - Rutgers University, USA</i>

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Monday, April 20, 2026 (continued)

9:10 am	Functional and Clinical Implications of Extrachromosomal Circular DNA in the Human Male Germline <i>Haiqi Chen, PhD - University of Texas Southwestern, USA</i>
9:30 am	Oral Abstract #7: "Gene Sequencing in Idiopathic Spermatogenic Failure: Clinical and Hormonal Correlates" <i>Alan Bogdanov - Nicolae Testemitanu State University of Medicine and Pharmacy, Republic of Moldova</i>
9:37 am	Oral Abstract #8: Single-cell Transcriptomic Profiling and Metabolomics of Testis Reveal NAD- and Age-dependent Impacts on Spermatogenesis <i>Morgan Feuz, MS - Utah State University, USA</i>
9:45 am	Q&A
10:00 am – 10:30 am	INTERNATIONAL LECTURE: Toll-like Receptor 4 (TLR4) Developmental/Defense Dynamics in the Prenatal Epididymal Architecture <i>Supported by the ASA General Endowment Fund</i> <i>Introducer: Patricia Cuasnicu, PhD - Instituto de Biología y Medicina Experimental, Argentina</i> <i>Speaker: Maria Christina W. Avellar, PhD - Federal University of São Paulo, Brazil</i>
10:30 am – 11:00 am	BREAK <i>Silverman Foyer</i>
11:00 am – 12:15 pm	Poster Session II <i>Hacienda/Paloma</i> <i>*Not CME Accredited</i>
12:15 pm – 1:30 pm	WOMEN IN ANDROLOGY LUNCHEON <i>Fiesta/Coronado</i> <i>Sponsored by the Women in Andrology Committee</i> <i>*Not CME Accredited</i> <i>Host: Klementina Fon Tacer, DVM, PhD - Texas Center for Comparative Cancer Research, USA</i>
12:15 pm – 1:30 pm	LUNCH ON YOUR OWN
1:30 pm – 3:00 pm	SYMPOSIUM V: How to Build a Sperm: In Vitro Spermatogenesis <i>Moderators: Sue Hammoud, PhD - University of Michigan, USA;</i> <i>Sohei Kurbayashi, MD, PhD - Cleveland Clinic, USA</i>
1:30 pm	Reconstitution of the Testicular Microenvironment and Spermatogonial Development in Humans and Nonhuman Primates <i>Kotaro Sasaki, MD, PhD - University of Pennsylvania, USA</i>
1:50 pm	In Vitro Spermatogenesis in Organ Culture Systems <i>Mitsuru Komeya, MD, PhD - Yokohama City University, Japan</i>
2:10 pm	An Origin Story: Using In vitro Gametogenesis to Study the Genesis of Human Germ Cells <i>Amander Clark, PhD - UCLA, USA</i>
2:30 pm	Oral Abstract #9: New Therapeutic Approach for Non-Obstructive Azoospermia: Fertility Restoration with Lipid Nanoparticle-Delivered Mrna <i>Hiroaki Kitakaze, MD - Osaka University, Japan</i>
2:37 pm	Oral Abstract #10: AAV-Mediated Sertoli Cell Gene Therapy in an Infertile Mouse Model of Human Non-Obstructive Azoospermia with a Missense Point Mutation in CLCN2 <i>Georgia Rae Atkins, BS - University of Pittsburgh, USA</i>
2:45 pm	Q&A

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Monday, April 20, 2026 (continued)

3:00 pm – 3:30 pm	BREAK <i>Silverman Foyer</i>
3:30 pm – 4:00 pm	EAA LECTURE: The Role of GLP1-RA and SGLT2i in the Andrology Field <i>Introducer: Patricia Cuasnicu, PhD - Instituto de Biología y Medicina Experimental, Argentina</i> <i>Speaker: Giovanni Corona, MD, PhD - Maggiore-Balogna Hospital, Italy</i>
4:00 pm – 4:40 pm	STUMP THE EXPERTS: Difficult Clinical Case Panel Discussion <i>Moderators: Kevin Campbell, MD - University of Florida, USA;</i> <i>Brittany Berk, MD - Hartford Health, USA</i>
4:00 pm	Difficult Case #1: When TRT Meets Infertility: Navigating the Path to Fertility <i>Nahid Punjani, MD, MPH - Mayo Clinic, Arizona, USA</i>
4:10 pm	Difficult Case #2: Can We Optimize NOA Patients Medically Prior to mTESE? <i>Blair Stocks, MD, PhD - Baylor College of Medicine, USA</i>
4:20 pm	Difficult Case #3: Can High DFI Be Fixed? <i>Paul Turek, MD - Turek Clinic, USA</i>
4:40 pm – 5:00 pm	National Institute of Health Updates
4:40 pm	NICHD Update <i>Travis Kent, PhD - National Institute of Child Health and Human Development</i>
4:50 pm	NIEHS Update <i>Thaddeus Schug, PhD - National Institute of Environmental Health Sciences</i>
5:00 pm – 6:00 pm	Annual Business Meeting
7:00 pm – 10:00 pm	ASA Banquet

Tuesday, April 21, 2026

7:00 am – 6:00 pm	Registration/Information Desk Open <i>Silverman Foyer</i>
7:00 am – 10:30 am	Exhibits Open <i>Silverman Foyer</i>
8:00 am – 8:10 am	Matthew P. Hardy Young Andrologist Award <i>Supported by the Matthew P. Hardy Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducer: TBD</i> <i>Recipient: TBD</i>
8:10 am – 8:30 am	Trainee Merit Award Presentations <i>*Not CME Accredited</i>
8:30 am – 9:15 am	ASA PAST-PRESIDENTS LECTURE: Effects of Adverse Lifestyle Choices on the Sperm Epigenome <i>Supported by the ASA Past-Presidents Endowment Fund</i> <i>Introducer: John Amory, MD - University of Washington, USA</i> <i>Speaker: John McCarrey, PhD - University of Texas, San Antonio, USA</i>

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Tuesday, April 21, 2026 (continued)

9:15 am – 10:00 am	RICHARD D. AMELAR LECTURE: A Career in Evolution <i>Supported by the Richard D. Amelar Endowment Fund</i> <i>Introducer: Scott Lundy, MD, PhD - Cleveland Clinic, USA</i> <i>Speaker: Edmund Sabanegh, MD - Guthrie Clinic, USA</i>
10:00 am – 10:30 am	BREAK <i>Silverman Foyer</i>
10:30 am – 12:00 pm	SYMPOSIUM VI: Sabotaging Sperm – Next Generation Male Contraception and Sterilization Panel Discussion <i>Moderators: John Amory, MD - University of Washington, USA</i> <i>Juan Ferreira, PhD - Washington University, USA</i>
10:30 am	Hormonal Male Contraception <i>Stephanie Page, MD, PhD - University of Washington, USA</i>
10:40 am	Non-Hormonal Male Contraception via Na,K-ATPase alpha4 <i>Gustavo Blanco, PhD - Kansas University Medical Center, USA</i>
10:50 am	AUA – Vasectomy Guidelines Update <i>Petar Bajic, MD - Cleveland Clinic, USA</i>
11:00 am	Male Contraceptive Initiative <i>Logan Nickels, PhD - Male Contraceptive Initiative, USA</i>
11:10 am	Vas-Occlusive Male Contraception <i>Alexander Pastuszak, MD, PhD - University of Utah, USA</i>
11:20 am	Panel Discussion
12:00 pm – 12:15 pm	Closing Remarks / 52nd ASA Meeting 2027 Highlights <i>Kyle Orwig, PhD - University of Pittsburgh Medical Center, USA</i>