

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 – 7:00 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	ASA Flash Talks <i>Moderators: Maria Camila Hoyos-Sanchez – Texas Tech University, USA; Morgan Feuz, PhD, MS – Utah State University, USA</i>
4:00 PM	Poster 100: Testosterone Intermittent Treatment Improves Semen Quality in Azoospermic and OAT Syndrome Men with Moderate Hypergonadotropic Hypogonadism <i>Alan Bogdanov</i>
4:03 PM	Poster 104: MAGEA Proteins Buffer Metabolic Stress by Regulating Glycolytic and Stress-Response Pathways in Germ Cells and Cancer <i>Maria Camila Hoyos Sanchez, MS</i>
4:06 PM	Poster 106: Cisplatin and Male Fertility: Dose-Dependent Injury and Time-Linked Recovery <i>Wilkie Nabulindo, DVM, PhD</i>
4:09 PM	Poster 113: Retrospective Validation of WHICH-A.R.T. Assay to Optimize IVF vs ICSI Selection and Reduce Unnecessary ICSI <i>Juan Ferreira, PhD</i>
4:12 PM	Poster 116: Genome-Wide Sperm Hydroxymethylation Landscape in Men Among Couples With and Without Natural Conception <i>Karolina Nowak, MS, PhD</i>
4:15 PM	Poster 120: Unravelling the Properties of TERRA and ATRX in Cryopreserved Sperms and Deciphering its Role in Chromatin Remodelling Dynamics: Obstacles in Onco-fertility <i>Bhaskar Saxena, PhD</i>
4:18 PM	Poster 125: Weekend Messaging as a Distress Signal for ED Presentation After Men's Health Surgery <i>Adam Lin, BS</i>
4:21 PM	Poster 126: Seminal Quality in Patients Affected by Diabetes Mellitus: New Laboratory Markers in Male Fertility <i>Jorge Hallak, MD, PhD</i>
4:24 PM	Poster 110: Analysis of Protein Factors Associated with Sperm Motility <i>Othmane Adli, PhD</i>
4:27 PM	Poster 130: Withdrawn
4:30 PM	Poster 131: Methylation-Dependent Regulation of IDH3A and Its Impact on Prostate Cancer Metabolism: An in-Silico Study <i>Ezzahra Rachid, PhD</i>
4:33 PM	Poster 136: Porcine Oviductal Extracellular Vesicles Enhance Mouse Sperm Function <i>Stephanie Gilroy</i>
4:36 PM	Poster 137: Repetitive Elements and Repetitive Loss: Alu-Y Hypomethylation and Sperm DNA Fragility in Men with Unexplained Recurrent Pregnancy Loss <i>Elango Kamaraj, PhD</i>
4:39 PM	Poster 139: Dual Remodeling of Catalytic and Regulatory PKA Subunits During Human Sperm Capacitation <i>Arturo Matamoros Volante, PhD</i>
4:42 PM	Poster 142: Proteins Regulating Diverse Functions Are Newly Synthesized During Bovine Sperm Capacitation <i>Saurabh Tiwari, DVM, MS</i>
4:45 PM	Poster 200: Gonadotropin Analogues versus Clomiphene in Spermatogenesis Recovery after Testosterone/Steroid Misuse <i>Matheus Farani, MD</i>
4:48 pm	Poster 206: Disruption of Blood-Testis Barrier and Immune Regulatory Pathways by Acetaminophen and Genistein in Immature Rodent Sertoli Cells <i>Nicole Mohajer, MS</i>

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Saturday, April 18, 2026 *(continued)*

4:51 PM	Poster 145: MEIG1 Might Play Multiple Roles in Sperm Formation Partially Through Its Interaction with The RNA Splicing Factor SC35 <i>Opeyemi Dhikhirullahi, BS</i>
4:54 PM	Poster 216: Infertility to Conception: A Retrospective Study of Men with Varicocele at a Renowned Clinic of Human Reproduction <i>Jorge Hallak, MD, PhD</i>
4:57 PM	Poster 218: Dose-Dependent Role of L-Carnitine in Oocyte Maturation and Quality: A Comparative Study Integrating Male Infertility Profiles and Mouse Model Analysis <i>Bhaskar Saxena</i>
5:00 PM	Poster 231: Genetics of Primary Testicular Failure (PTF) <i>Manish Jain, PhD</i>
5:03 PM	Poster 232: Programmatic Hemimethylation in Sperm of Men Experiencing Recurrent Pregnancy Loss <i>Jordan Moore</i>
5:06 PM	Poster 233: Testicular Sertoli Cells Establish a Unique Cytokine Milieu and Require T Regulatory Cells to Survive Allograft Transplantation <i>Rachel Babcock, BS, PhD</i>
5:09 PM	Poster 234: Harnessing Testicular Sertoli Cell Immune Protection to Improve Xenotransplantation <i>Alexis Rodriguez, BS, MS</i>
5:12 PM	Poster 235: A Multi-Cohort Evaluation of Sperm DNA Methylation Signatures Associated with Semen Quality <i>Abiola Abolade, BS</i>
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>

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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 Rosemberg Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducer: Gail Cornwall, PhD</i> <i>Recipient: Sylvie Breton, PhD</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: Klementina Fon Tacer, DVM, PhD</i> <i>Recipient: Kate Loveland, PhD</i>
8:20 am – 8:30 am	ASA Impact Award <i>Supported by the Eugenia Rosemberg Endowment Fund</i> <i>*Not CME Accredited</i> <i>Introducer: Kyle Orwig, PhD</i> <i>Recipient: Marvin Meistrich, PhD</i>
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>Jorge Hallak, MD, PhD - Androscience, Science & Innovation Center in Andrology, 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>

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Sunday, April 19, 2026 *(continued)*

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; Arturo Matamoros Volante, PhD - Colorado State University, USA</i>
1:30 pm	Sperm MicroRNAs Quantitatively Program Embryonic Development and Non-genetically Inherited Phenotypes <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>
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	Sperm Detection and Tracking Using a Machine Learning Framework <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 <i>Silverman Foyer</i> <i>Sponsored by Program Committee & Trainee Affairs Committee</i>

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Monday, April 20, 2026

7:00 am – 6:00 pm	Registration/Information Desk Open <i>Silverman Foyer</i>
7:00 am – 8:00 am	MENTORING BREAKFAST <i>Fiesta/Coronado</i> Sponsored by the Diversity and Trainee Affairs Committees *Not CME Accredited
7:00 am – 3:30 pm	Exhibits Open <i>Silverman Foyer</i>
8:00 am – 8:30 am	WOMEN IN ANDROLOGY LECTURE: Clinical Applications of Androgenetics: From Idiopathic Infertility to Oncofertility 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
8:30 am – 10:00 am	SYMPOSIUM IV: Big Data for Little Cells: Leveraging the Power Multi-omics Moderators: Melanie Balbach, PhD - Michigan State University, USA Miles Wilkinson, PhD - University of California, San Diego, USA
8:30 am	Exploiting Single-cell and Spatial Transcriptomics to Investigate Male Germline Development Brian Hermann, PhD - University of Texas, San Antonio, USA
8:50 am	Leveraging Multi-omics Approaches to Define RNA Binding Protein Functions in Male Germ Cell Differentiation Elizabeth Snyder, PhD - Rutgers University, USA
9:10 am	Functional and Clinical Implications of Extrachromosomal Circular DNA in the Human Male Germline Haiqi Chen, PhD - University of Texas Southwestern, USA
9:30 am	Oral Abstract #7: “Gene Sequencing in Idiopathic Spermatogenic Failure: Clinical and Hormonal Correlates Alan Bogdanov - Nicolae Testemitanu State University of Medicine and Pharmacy, Republic of Moldova
9:37 am	Oral Abstract #8: Single-cell Transcriptomic Profiling and Metabolomics of Testis Reveal NAD- and Age-dependent Impacts on Spermatogenesis Morgan Feuz, MS - Utah State University, USA
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 Supported by the ASA General Endowment Fund Introducer: Patricia Cuasnicu, PhD - Instituto de Biologia y Medicina Experimental, Argentina Speaker: Maria Christina W. Avellar, PhD - Federal University of São Paulo, Brazil
10:30 am – 11:00 am	BREAK <i>Silverman Foyer</i>
11:00 am – 12:15 pm	Poster Session II <i>Hacienda/Paloma</i> *Not CME Accredited
12:15 pm – 1:30 pm	WOMEN IN ANDROLOGY LUNCHEON <i>Fiesta/Coronado</i> Roundtable: Leadership Challenges and Opportunities: Leading with Compassion Sponsored by the Women in Andrology Committee *Not CME Accredited Hosts: Klementina Fon Tacer, DVM, PhD - Texas Tech University, USA; Maria Teves, PhD - Virginia Commonwealth University, USA Speakers: Janette Dufour, PhD - Texas Tech University Health Sciences Center; Dolores J. Lamb, PhD - Children’s Mercy Kansas City; Cristina Wang, MD - The Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Ctr; Sally D. Perreault Darney, PhD - National Institute of Environmental Health Sciences, NIH (retired)

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Monday, April 20, 2026 (continued)

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: Maria Teves, PhD - Virginia Commonwealth University, USA;</i> <i>Sohei Kuribayashi, 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
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 Silverman Terrace

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Tuesday, April 21, 2026

7:00 am – 12:00 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: Dolores Lamb, PhD, HCLD</i> <i>Recipient: Ryan Flannigan, MD</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>
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>