

Society for Birth Defects Research and Prevention (BDRP)
65th Annual Meeting
Researching New Heights in Birth Defects Research: Fundamentals to Cutting-Edge Research
Hilton Denver City Center, Denver, CO
June 28–July 2, 2025

Concurrent with the annual meetings of the Developmental Neurotoxicology Society (DNTS), National Birth Defects Prevention Network (NBDPN), and Organization of Teratology Information Specialists (OTIS)

As of April 24, 2025

The times listed are in Mountain Daylight Savings Time.

Saturday, June 28, 2025

7:30 AM–5:00 PM Registration Open

8:00 AM–8:30 AM Education Course Coffee and Pastries
(Education Course Session 1 Registrants Only)

**8:30 AM–12:00 Noon The Principles of Teratology
Education Course 1**
(Separate Registration Required)
Organized by the BDRP Education Committee
Chairperson: Ronee Baracani, Eli Lilly and Company

8:30 AM–8:35 AM Welcome
BDRP President, Philip J. Lupo, Emory University

8:35 AM–8:40 AM Course Overview
*Education Committee Chairperson,
Ronee Baracani, Eli Lilly and Company*

8:40 AM–9:20 AM Introduction to Wilson's *General Principles of Teratology*
Robert M. Cabrera, Baylor College of Medicine

9:20 AM–10:00 AM How the Principles Apply to Basic Developmental Biology and
Toxicology Research
Joshua F. Robinson, University of California, San Francisco

10:00 AM–10:15 AM Break

10:15 AM–10:55 AM How the Principles Apply to Nonclinical Safety Testing,
Registration, and Regulations
Travis L. Calkins, Charles River Laboratories, Ashland

10:55 AM–11:35 AM How the Principles Apply to Epidemiology and/or Clinical
Research
Sonja A. Rasmussen, Johns Hopkins School of Medicine

11:35 AM–12:00 Noon Discussion

12:00 Noon–1:30 PM Lunch on Your Own

1:30 PM–5:00 PM

The ABCs of EFDs: Fundamentals of Embryofetal Development Testing Education Course 2

(Separate Registration Required)

Organized by the BDRP Education Committee

Chairpersons: Ronee Baracani, Eli Lilly and Company; Susan B. Laffan, Amgen; and Caren Villano, Boehringer Ingelheim

1:30 PM–1:35 PM	Course Overview <i>Education Committee Chairperson, Ronee Baracani, Eli Lilly and Company</i>
1:35 PM–2:10 PM	Setting the EFD Testing Study Strategy <i>Rüdiger Cordts, Boehringer Ingelheim Pharma GmbH & Co. KG</i>
2:10 PM–2:45 PM	Designing an EFD Study <i>Susan B. Laffan, Amgen</i>
2:45 PM–3:20 PM	Conducting an EFD Study <i>Denita Williams, GSK</i>
3:20 PM–3:35 PM	Break
3:35 PM–4:10 PM	Interpreting EFD Study Data <i>Bethany R. Hannas, Eli Lilly and Company</i>
4:10 PM–4:45 PM	Communicating EFD Study Results <i>Tacey E. White, Tacey White Consulting</i>
4:45 PM–5:00 PM	Discussion

5:00 PM–7:00 PM

BDRP Council 1 Meeting

(All current and incoming Council members as well as current Committee Chairs and Vice Chairs attend Council 1.)

Sunday, June 29, 2025

7:00 AM–6:00 PM

Registration Open

7:00 AM–8:00 AM

***Birth Defects Research Journal* Editorial Board Meeting**

7:00 AM–8:00 AM

BDRP Communications Coordination Committee Meeting

8:00 AM–9:00 AM

Identifying Teratogens: Challenges and Opportunities

Josef Warkany Lecture

(Joint with DNTS and OTIS)

Chairperson: Philip J. Lupo, Emory University

Sonja A. Rasmussen, Johns Hopkins School of Medicine

9:05 AM–12:00 PM

**Graduate Student and Postdoctoral Fellow Wilson Presentation Award Finalists
Platform Session 1**

Organized by the BDRP Student Affairs Committee

Chairperson: Deirdre K. Tucker, Crinetics Pharmaceuticals

- 9:05 AM–9:25 AM Comparing Animal Developmental Toxicity to Human Pregnancy Outcomes for Fifty Pharmaceuticals: Is the Rat a Better Predictor Than the Rabbit? (1)
Puck Roos, Medicines Evaluation Board; and Utrecht University
- 9:25 AM–9:45 AM Single-Cell Transcriptomic Profiling of Rat Embryos During Neurulation and Early Organogenesis Under Normal and Teratogenic Conditions (2)
Lin Li, University of California, San Francisco
- 9:45 AM–10:05 AM Retinoic Acid Regulates the Commitment of Osteoprogenitor Cells by Controlling the Transcription of DHRS3 (3)
Parisa Varshosaz, Laurentian University
- 10:05 AM–10:25 AM Sex-Specific Effects of Valproic Acid on Placental Morphology in CD-1 Mice (4)
Lauren T. L. Brown, Queen's University at Kingston
- 10:25 AM–10:40 AM Break
- 10:40 AM–11:00 AM High Content Imaging of Cellular Energy Metabolism to Support Chemical Safety Testing for Thyroid Disruption (5)
Congying Wang, Michigan State University
- 11:00 AM–11:20 AM Investigating Relationships Among PFAS During Pregnancy, Placental Gene Expression, and Adverse Pregnancy Outcomes (6)
Mikayla Watt, University of North Carolina at Chapel Hill
- 11:20 AM–11:40 AM Building Predictive Models for Preterm Birth Among Infants with Congenital Limb Defects (7)
Katherine L. Ludorf, The University of Texas Health Science Center at Houston
- 11:40 AM–12:00 Noon Transcriptomic Analysis Reveals Mechanisms of Particulate Matter-Induced Disruption of Human Embryonic Stem Cell Osteogenesis (8)
Madeline K.M. Vera-Colon, University of California, Irvine

10:00 AM–6:00 PM

Poster Session 1: Unattended
(Joint with DNTS and OTIS)

BDRP Posters P100–P122
DNTS Posters P1–P9
OTIS Posters P1–P3

12:00 PM–1:30 PM

Lunch on Your Own

12:05 PM–1:25 PM	BDRP Past Presidents' and Honorees' Luncheon (By Invitation Only)
12:30 PM–1:30 PM	BDRP Diversity, Equity, Inclusion, and Accessibility Committee Meeting
12:30 PM–1:30 PM	BDRP Education Committee Meeting
1:30 PM–2:00 PM	High Times: The Effects of Prenatal Cannabis Exposure and Next Steps Patricia Rodier Mid-Career Award for Research and Mentoring (Joint with DNTS) <i>Organized by the DNTS and BDRP Awards Committees</i> <i>Chairperson: Michael T. Williams, Cincinnati Children's Research Foundation</i> <i>Natacha M De Genna, University of Pittsburgh</i>
2:05 PM–2:35 PM	PFAS, Placenta, and Public Health: An Early Career Perspective on Translating and Communicating Research on Emerging Contaminants F. Clarke Fraser New Investigator Award <i>Organized by the BDRP Awards Committee</i> <i>Chairperson: Cynthia J. Wolf</i> <i>Bevin E. Blake, US Environmental Protection Agency</i>
2:40 PM–3:45 PM	BDRP Innovator Award Finalists Platform Session 2 <i>Organized by the BDRP Awards Committee</i> <i>Chairperson: Cynthia J. Wolf</i> <i>Sponsored in Memory of Raymond Schroeder, MS</i>
2:40 PM–2:45 PM	Introduction <i>Cynthia J. Wolf, US Environmental Protection Agency</i>
2:45 PM–3:05 PM	Integrative Proteomic and <i>In Silico</i> Analysis of Perfluorooctanoic Acid Exposures in Primary Human Placental Cytotrophoblasts (9) <i>Mengjing Wang, University of California, San Francisco</i>
3:05 PM–3:25 PM	Elucidation of Adverse Outcome Pathways for Compound-Induced Developmental Neurotoxicity Using Knowledge Graphs (10) <i>Ricardo Scheufen Tieghi, National Toxicology Program Interagency Center for Evaluation of Alternative Toxicological Methods (NICEATM); and University of North Carolina at Chapel Hill Eshelman School of Pharmacy</i>
3:25 PM–3:45 PM	An Integrative <i>In Vitro</i> and Transcriptomic Profiling Approach to Screen Environmental Chemicals for Developmental Neurotoxicity (11) <i>Julia A Gomes, University of California, San Francisco</i>
3:45 PM–4:00 PM	Break

4:00 PM–4:30 PM **Climate Change and Congenital Anomalies: A Population-Based Study of the Effect of Prolonged Extreme Heat Exposure on the Risk of Neural Tube Defects in France**
James G. Wilson Publication Award
Organized by the BDRP Publications Committee
Chairperson: Wendy N. Nembhard, University of Arkansas for Medical Sciences
Tim A. Bruckner, University of California, Irvine

4:35 PM–6:00 PM **Multidisciplinary Research Needs Workshop**
Organized by the BDRP Science Committee
Chairpersons: Suzanne E. Fenton, NC State University; and
Katie J. Turner, Janssen R&D, LLC

6:00 PM–7:30 PM **Poster Session 1: Poster Presentations**
(Joint with DNTS and OTIS)

BDRP Posters: P100–P121
DNTS Posters: P1–P9
OTIS Posters: P1–P3

7:30 PM–9:30 PM **Graduate Student and Postdoctoral Fellows Career Event**
Hosted by the Middle Atlantic Reproduction and Teratology Association (MARTA)

Monday, June 30, 2025

7:00 AM–4:30 PM **Registration Open**

7:00 AM–8:00 AM **2026 Program Committee Meeting**

8:00 AM–9:00 AM **Fetal Therapy Approaches**
Keynote Lecture (L1)
(Joint with OTIS)
Chairperson: Prägati S. Coder, Charles River Laboratories, Ashland LLC
Sarah G. Običan, University of South Florida

9:05 AM–12:00 Noon **Down Syndrome: Assessing Outcomes Across the Lifespan Symposium**
(Joint with NBDPN)
Chairpersons: Sonja A. Rasmussen, Johns Hopkins School of Medicine; and
Philip J. Lupo, Emory University

9:05 AM–9:10 AM Introduction
Sonja A. Rasmussen, Johns Hopkins School of Medicine

9:10 AM–9:45 AM Breakthroughs in Down Syndrome Research in the Age of the
NIH INCLUDE Project (S1)
Joaquin Espinosa, University of Colorado School of Medicine

9:45 AM–10:20 AM Increased Risk for Leukemia Among Children with Down
Syndrome (S2)
Phillip Lupo, Emory University

10:20 AM–10:35 AM	Break
10:35 AM–11:10 AM	Co-occurring Down Syndrome and Autism Spectrum Disorder (S3) <i>Deborah Fidler, Colorado State University</i>
11:10 AM–11:45 AM	Improving the Understanding of Health Risks among Adults with Down Syndrome (S4) <i>Sonja A. Rasmussen, Johns Hopkins School of Medicine</i>
11:45 AM–12:00 Noon	Discussion

9:05 AM–12:00 Noon Opportunities and Applications for NAMs for DART Testing from Hazard to Risk Assessment Symposium

Chairpersons: Nicole C. Kleinstreuer, National Interagency Center for Alternative Toxicological Methods; and Peter J. Boogaard, Wageningen University and Research

9:05 AM–9:10 AM	Introduction <i>Nicole C. Kleinstreuer, National Interagency Center for Alternative Toxicological Methods</i>
9:10 AM–9:45 AM	Regulatory Needs and Decision Frameworks for Developmental Toxicity: Opportunities for NAMs (S5) <i>Elizabeth Mendez, US Environmental Protection Agency</i>
9:45 AM–10:20 AM	Resources to Support Validating NAMs for DART (S6) <i>Nicole C. Kleinstreuer, National Interagency Center for Alternative Toxicological Methods</i>
10:20 AM–10:35 AM	Break
10:35 AM–11:10 AM	PBK Modelling to Link Human Biomonitoring Data for Marker PAHs in a Battery of <i>In Vitro</i> Test Systems Predictive for Prenatal Developmental Toxicity (S7) <i>Danlei Wang, Wageningen University and Research</i>
11:10 AM–11:45 AM	NAMs in DevTox Testing: Moving the Needle Towards Regulatory Use (S8) <i>Allen Kaczor, Merck & Co., Inc.</i>
11:45 AM–12:00 Noon	Discussion

10:00 AM–5:30 PM Poster Session 2: Unattended
(Joint with NBDPN)

BDRP Posters: P200–P222
NBDPN Posters: P1–P13

12:00 Noon–2:00 PM Lunch on Your Own

12:05 PM–1:45 PM

**Career Development and Career Options in DART
Professional Development Lunch Workshop**

(Separate Registration Required)

Organized by the BDRP Student Affairs Committee

*Chairpersons: Deirdre K. Tucker, Crinetics Pharmaceuticals; and
Hao Chen, Ionis Pharmaceuticals*

2:00 PM–2:30 PM

**Why I Teach: Inspiring Minds and Shaping Futures
Agnish Fellowship Lecture**

Organized by the BDRP Education Committee

Chairperson: Ronee Baracani, Eli Lilly and Company

Stephen B. Harris, Stephen B. Harris Group

2:35 PM–5:30 PM

**The Ripple Effect: Neonatal Abstinence Syndrome from Birth to Adolescence
Symposium**

(Joint with DNTS)

*Chairpersons: Melissa Beck, Cedarville University School of Pharmacy; and
Wendy N. Nembhard, University of Arkansas for Medical Sciences*

2:35 PM–2:40 PM Introduction

2:40 PM–3:15 PM Animal Models of Prenatal Opioid Exposure: What Have They
Told Us? (S9)
Brittany Smith, Northern Kentucky University

3:15 PM–3:50 PM Neonatal Opioid Withdrawal Syndrome: Diagnosis, Treatment,
and Outcomes (S10)
*Jennifer McAllister, Cincinnati Children's Hospital Medical
Center*

3:50 PM–4:05 PM Break

4:05 PM–4:40 PM Long-Term Outcomes Associated with Neonatal Abstinence
Syndrome (S11)
Melissa Beck, Cedarville University School of Pharmacy

4:40 PM–5:15 PM Beyond Birth: The Potential Socioeconomic Influences on NAS
Outcomes (S12)
*Ginger Cameron, Purdue Global School of Health Sciences
and Hawkeye Community College School of Science and
Health Science*

5:15 PM–5:30 PM Discussion

2:35 PM–5:30 PM

Platform Session 3

*Chairpersons: Shermaine K. Mitchell-Ryan, Health and Environmental Sciences
Institute; and Connie L. Chen, Health and Environmental Sciences Institute*

2:35 PM–2:51 PM Prenatal Anti-Seizure Medication Exposure and Risk of
Neurodevelopmental Disorders in Children (12)
*Loreen Straub, Brigham and Women's Hospital & Harvard
Medical School*

2:51 PM–3:07 PM	BOOST-HP DrugScan: Identifying Medications Associated with Pregnancy Loss Using Data-Mining Techniques (13) <i>Judith C. Maro, Harvard Medical School and Harvard Pilgrim Health Care Institute</i>
3:07 PM–3:23 PM	Examining the Role of the Gene <i>Wdfy1</i> in the Teratogenic Effects of Gastrulation-Stage Alcohol Exposure <i>Eric W. Fish, University of North Carolina, Chapel Hill</i>
3:23 PM–3:39 PM	Advanced Precision: Automated Stereotaxic Intracerebroventricular (ICV) Dosing in Juvenile Rodent Models (15) <i>Marcus Gerald, Charles River Labs</i>
3:39 PM–3:55 PM	Interpretation of Developmental Neurotoxicity <i>In Vitro</i> Testing Battery Results in the Context of Human Exposure: Natural Compound Case Study (16) <i>Paige Santos, Crop Life Europe; and Corteva Agriscience</i>
3:55 PM–4:10 PM	Break
4:10 PM–4:26 PM	Exploring New Approach Methodologies to Identify Disruption of Signaling Pathways by PFAS Exposure: Implications for Placental Dysfunction and Intrauterine Growth Restriction (17) <i>Oyemwenosa Nosa Avenbuan, University of North Carolina at Chapel Hill</i>
4:26 PM–4:42 PM	Gestational Exposure to Perfluorooctanoic Acid (PFOA) or Hexafluoropropylene Oxide-Dimer Acid (HFPO-DA, or GenX) Induces Maternal Vascular Malperfusion in the CD-1 Mouse Placenta (18) <i>Bevin E. Blake, US Environmental Protection Agency</i>
4:42 PM–4:58 PM	Increased Variability in Placental Morphology Following <i>In Utero</i> Benzene Exposure in Mice: Potential Implications for Differential Susceptibility and Metabolism (19) <i>Megan E. Cull, Queen's University</i>
4:58 PM–5:14 PM	Investigating Differentially Methylated Regions of Metabolic Genes in Embryonic Fish Cells Following Exposure to the Flame Retardant Triphenyl Phosphate Using Whole Genome Bisulfite Sequencing (20) <i>Logan S. Germain, Queen's University</i>
4:14 PM–5:30 PM	Application of Whole-Genome Preimplantation Genetic Testing to Reduce the Risk of Genetic Birth Defects (21) <i>Maria Katz, Orchid</i>

5:30 PM–7:00 PM

Poster Session 2: Poster Presentations
(Joint with NBDPN)

BDRP Posters: P200–P220
NBDPN Posters: P1–P13

Tuesday, July 1, 2025

7:00 AM–3:30 PM	Registration Open
7:00 AM–8:00 AM	BDRP Awards Committee Meeting
7:00 AM–8:00 AM	BDRP Student Affairs Committee Meeting
7:00 AM–8:00 AM	BDRP Science Committee Meeting
8:00 AM–9:00 AM	Accelerating Clinical Development for Maternal-Fetal Health: Ensuring Access to Safe and Effective Medicines for All (L2) Robert L. Brent Lecture—Teratogen Update (Joint with DNTS and OTIS) <i>Chairperson: Prägati S. Coder, Charles River Laboratories, Ashland LLC</i> <i>Vani Vannappagari, ViiV Healthcare</i>
9:05 AM–12:00 Noon	Birth Defects and Reproductive Issues in Post-Dobbs vs. Women's Health Organization Era Symposium (Joint with DNTS and OTIS) <i>Organized by the BDRP Public Affairs Committee</i> <i>Chairpersons: Vijaya Kancherla, Emory University Rollins School of Public Health; and Sarah G. Običan, University of South Florida</i>
9:05 AM–9:10 AM	Introduction <i>Vijaya Kancherla, Emory University Rollins School of Public Health</i>
9:10 AM–9:45 AM	Implications of Abortion Legislation on Birth Defects Surveillance (S13) <i>Amanda L. Elmore, University of South Florida</i>
9:45 AM–10:20 AM	Obstetric Clinical Perspectives in the Post-Dobbs Era (S14) <i>Sarah G. Običan, University of South Florida</i>
10:20 AM–10:35 AM	Break
10:35 AM–11:10 AM	Ethical Challenges in the Post-Dobbs Era (S15) <i>Anne D. Lyerly, University of North Carolina at Chapel Hill</i>
11:10 AM–11:45 AM	Why We Need Segmentation of Data in Medical Records and Why We Might Not Want It (S16) <i>Timothy Wen, University of California San Francisco</i>
11:45 AM–12:00 Noon	Discussion
12:05 PM–1:45 PM	Genomics and Multi-omic AI Applications for Birth Defect Research Lunch and Learn Mini Course (Separate Registration Required) <i>Organized by the BDRP Education Committee</i> <i>Chairperson: Ronee Baracani, Eli Lilly and Company</i> <i>Sponsored by Argus International Inc.</i>

12:05 PM–12:15 PM	Lunch Pick-Up
12:15 PM–12:50 PM	AI in Genomics <i>Paul Wolujewicz, School of Health Sciences, Quinnipiac University</i>
12:50 PM–1:25 PM	AI in Multi-omics <i>Vanessa Aguiar-Pulido, University of Miami</i>
1:25 PM–1:45 PM	Discussion

12:00 Noon–2:00 PM Lunch on Your Own

2:00 PM–5:00 PM Integrating *In Vitro* and Computational Approaches to Identify Novel Developmental and Reproductive Toxicants and Enhance Chemical Hazard Assessments Symposium

Chairpersons: Joshua F. Robinson, University of California, San Francisco; and Michele La Merrill, University of California, Davis

2:00 PM–2:05 PM	Introduction
2:05 PM–2:40 PM	RosetteArray® Platform for Quantitative High-Throughput Screening of Human Neural Tube Defect Risk (S17) <i>Randolph S. Ashton, University of Wisconsin, Madison</i>
2:40 PM–3:15 PM	Characterizing Developmental Bone Toxicity in Human Embryonic Stem Cells (S18) <i>Nicole R. Sparks, University of California Irvine</i>
3:15 PM–3:30 PM	Break
3:30 PM–4:05 PM	Integration of Computational Molecular Tools and Nonmammalian Models to Identify Teratogens Relevant for Human Exposure (S19) <i>Michele La Merrill, University of California, Davis</i>
4:05 PM–4:40 PM	Application of <i>In Vitro</i> Data and Physiologically Based Kinetic Modeling in Developmental Neurotoxicity Hazard Identification and Chemical Risk Assessment (S20) <i>Anna Kreutz, Inotiv</i>
4:40 PM–5:00 PM	Discussion

**2:00 PM–5:00 PM Genomic Studies of Birth Defects: Findings from the Centers for Birth Defects Research and Prevention Symposium
(Joint with NBDPN)**

Chairperson: Paul A. Romitti, University of Iowa

2:00 PM–2:05 PM	Introduction <i>Paul A. Romitti, University of Iowa</i>
2:05 PM–2:40 PM	Genetic Studies of Birth Defects from the Centers for Birth Defects Research and Prevention (S21) <i>Paul A. Romitti, University of Iowa</i>

2:40 PM–3:15 PM	Gene Variants and Craniosynostosis: From GWAS to WGS (S22) <i>Paul A. Romitti, University of Iowa</i>
3:15 PM–3:30 PM	Break
3:30 PM–4:05 PM	<i>In Vivo</i> Validation of Exome Sequencing-Derived Candidate Genes Associated with Heterotaxy in the National Birth Defects Prevention Study (S23) <i>Nanette Nascone-Yoder, North Carolina State University</i>
4:05 PM–4:40 PM	Various Inheritance Models Observed in Families with Transverse Limb Defects in the National Birth Defects Prevention Study (S24) <i>Horacio Gomez-Acevedo, University of Arkansas for Medical Sciences</i>
4:40 PM–5:00 PM	Discussion

5:30 PM–7:30 PM

Social Event & Awards Presentations

Graduate Student and Postdoctoral Fellow Travel Awards
Edward W. Carney Trainee Awards
Wilson Presentation Awards
James C. Bradford Memorial Student Poster Awards
Edward W. Carney Distinguished Service Award
BDRP Innovator Award
Recognition of Other Awards Presented throughout the Week

Wednesday, July 2, 2025

6:30 AM–7:30 AM **BDRP 44th Annual Volleyball Game**

7:30 AM–1:30 PM **Registration Open**

8:00 AM–9:00 AM **Are We Ready for Virtual Control Groups in DART Studies
BDRP and European Teratology Society (ETS) Exchange Lecture**

*Chairpersons: Philip J. Lupo, Emory University; and
Jason C. Manton, Toxiqua Ltd.*

ETS

Bernd Baier, Boehringer Ingelheim Pharma GmbH & Co. KG

BDRP

Christopher J. Bowman, Pfizer Inc.

9:05 AM–12:15 PM **Advancements in Assessing the Effects of Environmental Chemicals on Maternal Health and Fetal Development Symposium**

Chairpersons: Kembra L. Howdeshell, National Institute of Environmental Health Sciences; and Paige Bommarito, US Environmental Protection Agency

9:05 AM–9:10 AM Introduction
Kembra L. Howdeshell, National Institute of Environmental Health Sciences

9:10 AM–9:45 AM	Investigating Fetal Development Using 3D Ultrasounds: Applications to Understanding the Developmental Impacts of Exposure to Endocrine Disrupting Chemicals (S25) <i>Danielle Stevens, National Institute of Environmental Health Sciences</i>
9:45 AM–10:20 AM	Prenatal Exposure to Environmental Chemical Mixtures and Maternal-Child Health Outcomes in Multiple Pregnancy and Birth Cohorts (S26) <i>Julia Varshavsky, Northeastern University</i>
10:20 AM–10:40 AM	Warkany Tea
10:40 AM–11:15 AM	The Intersecting Roles of Endocrine Disrupting Chemicals and Diet During Pregnancy for Maternal and Child Health (S27) <i>Rita S. Strakovsky, Michigan State University</i>
11:15 AM–11:50 AM	Multi-omic Data Illuminates the Placenta's Role as a Mediator Between Endocrine Disrupting Chemical Exposure and Spontaneous Preterm Birth (S28) <i>Alison Paquette, University of Washington</i>
11:50 AM–12:15 PM	Discussion

9:05 AM–12:15 PM

Neurobehavioral Testing in Nonrodent Models Used in Safety Assessment Symposium
(Joint with DNTS)

Chairpersons: Kristina York, Charles River Laboratories; and Melissa Beck, Cedarville University School of Pharmacy

9:05 AM–9:10 AM	Introduction <i>Kristina York, Charles River Laboratories</i>
9:10 AM–9:45 AM	Wisconsin General Testing Apparatus (WGTA) in Nonhuman Primates (S29) <i>C. Marc Luetjens, LabCorp Early Development Services GmbH</i>
9:45 AM–10:20 AM	Conditioned Eye Blink Reflex in Rabbits (S30) <i>Mark T. Herberth, Charles River</i>
10:20 AM–10:40 AM	Warkany Tea
10:40 AM–11:15 AM	Neurobehavioral Assessments in Preterm Pigs(S31) <i>Helen J. K. Sable, University of Memphis</i>
11:15 AM–11:50 AM	Regulatory Aspects of Neurobehavioral Testing in Alternate Animal Models (S32) <i>Elizabeth Green, CDER, US FDA</i>
11:50 AM–12:15 PM	Discussion

12:15 PM–1:30 PM

Lunch on Your Own

12:30 PM–1:30 PM

BDRP Membership Committee Meeting

12:30 PM–1:30 PM	BDRP Public Affairs Committee Meeting
12:30 PM–1:30 PM	BDRP Publications Committee Meeting
1:30 PM–4:30 PM	Minimizing Use of Nonhuman Primates for Safety Assessment of Risk to Fertility and Pregnancy Symposium <i>Chairpersons: Christopher J. Bowman, Pfizer Inc.; and Ronald L. Wange, Aclairo® Pharmaceutical Development Group, Inc.</i> <i>Sponsored by the Health and Environmental Sciences Institute</i>
1:30 PM–1:35 PM	Introduction <i>Ronald L Wange, Aclairo® Pharmaceutical Development Group, Inc.</i>
1:35 PM–2:10 PM	Current State of NHP Use Supporting Developmental and Reproductive Risk Assessment (S33) <i>Angela R. Stermer, Merck & Co.</i>
2:10 PM–2:45 PM	The Use of Weight-of-Evidence Approaches to Characterize Developmental Toxicity Risk for Therapeutic Monoclonal Antibodies in Humans Without <i>In Vivo</i> Studies (S34) <i>Hsiao-Tzu Chien, Medicines Evaluation Board</i>
2:45 PM–3:00 PM	Break
3:00 PM–3:35 PM	Fertility Assessment in Nonhuman Primates: Evaluation of Marketed Products and Opportunities to Reduce Monkey Use (S35) <i>Puck Roos, Dutch Medicines Evaluation Board</i>
3:35 PM–4:10 PM	Looking Forward: Are Nonhuman Primates Needed for Developmental and Reproductive Toxicity Assessment of Pharmaceuticals? (S36) <i>Christopher J. Bowman, Pfizer Inc.</i>
4:10 PM–4:30 PM	Discussion
4:35 PM–5:15 PM	BDRP Annual Business Meeting
5:30 PM–8:00 PM	BDRP Council 2 Meeting (2025–2026 Council members)