



VH1203 Section on Neonatal-Perinatal Medicine Program: Day 2 Morning

Saturday, October 9

8:00AM – 11:30PM CDT

This program will begin with competitively selected oral presentations on basic and clinical science, quality improvement, education, epidemiology, and health services research studies. The program also will include section updates and award presentations.

- 8:00AM **Welcome**
Moderators: James Barry, MD, FAAP; Michael Posencheg, MD, FAAP
- 8:05AM **Introduction and Awards**
Moderator: Ashley Lucke, MD, FAAP
- 8:10AM **Scientific Abstract Oral Presentations: Session 1**
Moderator: Michael Posencheg, MD, FAAP; Mark Hudak, MD, FAAP; Michelle Pena, MD
Travel grants for top 10 abstracts supported by Reckitt Mead Johnson, Proud Supporter of the American Academy of Pediatrics
- 8:10AM *Racial and Ethnic Inequity in High-Risk Infant Follow up Program (HRIF) Participation: A Multilevel Analysis of Individual- and Hospital-level Factors in a Nationally Representative Sample*
- 8:25AM *Racial Disparities in Infant Mortality Are Impacted by Gestational Age at Birth*
- 8:40AM *National Trends in Survival and Short-term Outcomes of Periviable Births \leq 24 Weeks Gestation in the United States, 2009-2018*
- 8:55AM *Short-term Respiratory and Hemodynamic Outcomes Following Transcatheter PDA Closure in Premature Infants*
- 9:10AM *Chest Compressions During Neonatal Bradycardia Do Not Enhance Flow to Vital Organs but Reduce Inherent Cardiac Activity*
- 9:25AM **Marshall Klaus Research Award**
Award Presenter: Hendrik Weitkamp, MD
Supported by Johnson & Johnson, Reckitt Mead Johnson, Section on Neonatal-Perinatal Medicine
- 9:40AM **Break**
- 9:55AM **Scientific Abstract Oral Presentations: Session 2**
Moderator: Michael Posencheg, MD, FAAP; Carl Bose, MD
Travel grants for top 10 abstracts supported by Reckitt Mead Johnson, Proud Supporter of the American Academy of Pediatrics
- 9:55AM *GSDMD Gene Knockout Prevents Hyperoxia-Induced Lung and Retina Injury in Neonatal Mice*
- 10:10AM *Trends in Invasive Procedures, Surgery and Mortality Among Neonatal Hospitalizations with Trisomy 13 and 18 in the United States, 2009-2018*
- 10:25AM *Prenatal Heparin-Binding Epidermal Growth Factor (HB-EGF) Therapy Against Necrotizing Enterocolitis (NEC) and Resultant Neuro-inflammation*



10:40AM *Impact of Eat, Sleep, Console versus Finnegan Assessment Tool for Neonatal Opioid Withdrawal Syndrome in a Mother-baby Couplet Care and Neonatal Intensive Care Unit Setting*

10:55AM *Endothelial Expansion Contributes to Enhanced Blood Cell Production from Tropomyosin 1 Deficient Induced Pluripotent Stem Cells*

11:10AM **Section Update and Awards**

Moderator: Lily Lou, MD, FAAP

11:30AM **Adjourn**