



Saturday, October 26

8:00AM – 6:30PM

H2027 Section on Neonatal-Perinatal Medicine Program: Day 2

The Human Microbiome Session

The program will begin with abstract and award presentations. The afternoon session will focus on the human microbiome. It has been stated that maintenance of a healthy, diverse human microbiome promotes immune development and that dysbiosis can result in later diseases such as obesity, necrotizing enterocolitis, premature birth, and asthma.

- 7:30AM **Continental Breakfast**
Supported by Children's Minnesota
- 8:00AM **Scientific Abstract Oral Presentations: Session 1 (Presentations 1-5)**
Introduction: Clara Song MD, FAAP
Moderator: Dena Hubbard MD, FAAP
Top Abstract Travel Grants Supported by Mead Johnson Nutrition
Trainee Travel Grants Supported by Mead Johnson Nutrition
- 9:20AM **Presentation of Marshall Klaus Research Awards**
Moderator: Hendrik Weitkamp, MD, FAAP
Supported by Johnson & Johnson & Mead Johnson Nutrition
- 9:45AM **Scientific Abstract Oral Presentations: Session 2 (Presentations 6-10)**
Moderator: Beena Sood MD, MS, FAAP
- 11:00AM **Thomas Cone History Lecture "How Nature, Nurture, and Neurophysiology Have Informed the NICU Environment of Care"**
Robert White, MD, FAAP
Supported by Abbott Nutrition
- 11:45AM **Section Update and Awards**
Mark Hudak, MD, FAAP
- 12:00PM **Presentation of Neonatal Landmark Award**
Recipient: Ronald Clyman, MD
Supported by Mead Johnson Nutrition
- 12:15PM **Presentation of Avroy Fanaroff Neonatal Education Award**
Recipient: Ned Lawson, MD
Supported by Mead Johnson Nutrition
- 12:30PM **Lunch**
Supported by LocusHealth
- Microbiome Session
- 1:30PM **Welcome and Opening Remarks**
Angel Rios, MD, FAAP
Moderator: Jorn-Hendrik Weitkamp, MD, FAAP
- 1:35PM **Toward Best Practices for Analysis of the Bacterial, Fungal, and Viral Constituents of the Human Microbiome**
Joseph Petrosino, PhD
- 2:15PM **The Microbiome and Host Defense in Early Life**
Rodney Dietert, PhD
- 2:55PM **Bugs and Babies: Where Does It All Begin**



Kjersti Aagaard, MD, PhD

3:35PM

Break

3:45PM

Antibiotic Use in Preterm Infants: Effects on Intestinal Microbiome, Metabolome, and Inflammatory Mediators

Josef Neu, MD, FAAP

4:25PM

Tipping the Scale With Prebiotics and Probiotics in the Dysbiotic Preterm Gut Microbiome

Jae Kim, MD, PhD, FAAP

5:05PM

Panel Discussion

5:20PM

Young Investigators Award

Supported by Mead Johnson Nutrition

5:25PM

Apgar Award

Barbara Schmidt, MD

Supported by Abbott Nutrition

5:45PM

Training and Early Career Neonatologists Reception

Reception and TeCaN Travel Grants Supported by Abbott Nutrition

6:30PM

Adjourn