



Save more than just the date.

6th Annual Virtual

**SYMPOSIUM ON**

**NEONATAL ADVANCES**

**Update on Nutrition Practices**

**September 22, 2022**

**Who Should Attend?**

Neonatologists, Advanced Nurse Practitioners, Physician Assistants, Nurses, Dietitians, Fellows, Residents, and Students.

Register today at [h.uconn.edu/neonatal-2022](https://h.uconn.edu/neonatal-2022)

Questions? Contact Allyson Martinchek at [martinchek@uchc.edu](mailto:martinchek@uchc.edu).

**UConn  
HEALTH**

UConn Health  
263 Farmington Avenue  
Farmington, CT 06030



## Conference Schedule

8:20 a.m.

### Welcome and Opening Remarks

Mariann Pappagallo, MD

## Morning Session Moderator: Ted Rosenkrantz, MD

8:30-9:30 a.m.

### Nutritional Requirements for Growth and Neurodevelopmental Outcomes in the Preterm Infant

William Hay, MD

9:30-10:30 a.m.

### Bone Health in High Risk Infants and Brief Update on Formula Recall/Shortages

Steven Abrams, MD

10:30-10:45 a.m.

Break

10:45 -11:45 a.m.

### The Jeffrey Bartlett, MD, Memorial Lecture Multiomics Meets Artificial Intelligence in Neonatology

Josef Neu, MD

11:45 a.m.-12:45 p.m.

Lunch

## Afternoon Session Moderator: David Sink, MD

12:50-1:50 p.m.

### Maternal Diet as the First Step in Nutrition for the First 1,000 Days and Inflammatory and Growth Outcomes

Christina Valentine, MD

1:50-2:50 p.m.

### Nutrition in Bronchopulmonary Dysplasia

Camilia Martin, MD

2:50-3 p.m.

Break

3-4 p.m.

### Lactoengineering in the Neonatal Intensive Care Unit and Beyond

Laura Madore, MD

4 p.m.

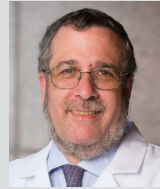
### Closing Remarks, CME/CEU Credits

Mariann Pappagallo, MD, Symposium CME Activity Director

## Objectives

- Review prevention of postnatal growth faltering in preterm infant.
- Review neurodevelopmental outcomes of insufficient and sufficient nutrition of preterm infants.
- Identify the principal causes of osteopenia and rickets in premature and very low birth weight infants.
- Recognize the etiology and patient centered approach to formula shortages affecting the U.S.
- Describe some of the artificial intelligence technologies being used in neonatology and their applications to multiomics.
- Predict how these technologies will be used to more precisely define diagnoses such as necrotizing enterocolitis and provide precision nutrition to preterm infants.
- Overview maternal gaps in diet and supplement variability.

## Conference Faculty



### Steven Abrams, MD

Professor of Pediatrics  
Dell Medical School at the University of  
Texas at Austin



### William Hay, MD

Professor of Pediatrics  
University of Colorado



### Laura Madore, MD

Attending Neonatologist  
Assistant Professor of Pediatrics  
UMass Chan Medical School - Baystate



### Camilia Martin, MD

Chief, Division of Newborn Medicine  
Weill Cornell Medicine,  
NewYork-Presbyterian



### Josef Neu, MD

Professor of Pediatrics  
University of Florida College of Medicine



### Christina Valentine, MD

Professor/Neonatologist, Department of  
Pediatrics/Division of Neonatology  
Medical Director, Perinatal Nutrition  
Banner University Medical Center,  
University of Arizona

- Outline body composition measures and outcomes.
- Review current evidence on fluid and nutritional practices in BPD.
- Describe lactoengineering and the concept of individualization of neonatal human milk feedings.
- Review the tools necessary for a targeted approach to human milk fortification and feeding.

Nursing: This nursing continuing professional development activity was approved by Connecticut Nurses' Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Medicine: CME Credits are pending approval for this educational event.

Dietitians: The Commission on Dietetic Registration has approved this conference. All RDs and RDNs will be credited with 6 CPEUs and receive a certificate of attendance.