



MIAMI

NEONATOLOGY

2021 INTERNATIONAL CONFERENCE

November 15-17, 2021

Loews Hotel, Miami Beach, Florida

Sponsored by the University of Miami - Miller School of Medicine
Presented by the Division of Neonatology-Department of Pediatrics

www.miamineonatology.com



Conference will also be live-streamed via Zoom



In Honor and Memory of
DR. CHARLES R. BAUER



Dr. Charles R. Bauer passed away on June 15, 2021, surrounded by the love of his family.

A founding member of the Division of Neonatology at the University of Miami almost fifty years ago, Charlie served as the Division's Associate Director for many years and played an important role in establishing the discipline at the University of Miami-Jackson Memorial Medical Center and in the State of Florida.

He was closely involved in the neonatal training program at this institution and held the responsibility of staying in touch with all the nearly 150 graduates, keeping them connected to the division as a large family.

Charlie was the site PI of the NICHD Neonatal Network during the 15 years that our center was a part of this program, building close connections with the other centers in the network.

Charlie was a champion of early developmental intervention programs for his entire career. He created one of the first neonatal follow-up programs in the country that over the years has evaluated and helped thousands of at-risk infants discharged from the JMH NICU and the South Florida community at large.

He was the Co-Founder and Co-Director of the Miami Neonatology Conference, a postgraduate educational activity for neonatologists from around the world that has been held for 45 years. Miami Neonatology's mission is to disseminate knowledge and improve neonatal care worldwide, a cause that Charlie cared for and worked for all his professional life.

Beyond all his contributions to the Division of Neonatology and Department of Pediatrics at the University of Miami, Charlie was a great educator and clinician, a trusted friend and mentor, and a warm and gentle person. His love and dedication to his family were his priority and an example to all.

Charlie will always be remembered and missed by all who had the good fortune to know him.



GUEST SPEAKERS MIAMI NEONATOLOGY 2021

**RONNIE GUILLET, MD, PhD**

Professor, Department of Pediatrics,
Neonatology (SMD)
University of Rochester Medical Center
Neonatologist, Pediatrics, Division of
Neonatology
Strong Memorial Hospital
Rochester, NY, United States

**SHAHAB NOORI, MD, MS CBTI**

Professor of Clinical Pediatrics
Kek School of Medicine, USC
Section Head, Clinical Research
Administrative Director, Clinical Research
Children's Hospital Los Angeles
Los Angeles, CA, United States

**TERRIE E. INDER, MB ChB**

Department Chair, Department of Pediatric
Newborn Medicine
Harvard Medical School
Chief of Pediatrics
Brigham and Women's Faulkner Hospital
Boston, MA, United States

**ANNA PENN, MD, PhD**

L. Stanley James Associate Professor of
Pediatrics
Department of Pediatrics
Columbia University
Chief, Division of Neonatology
New York-Presbyterian Morgan Stanley
Children's Hospital
New York, NY, United States

**JAE KIM, MD, PhD**

Professor of Pediatrics
University of Cincinnati
Director, Division of Neonatology
Cincinnati Children's Hospital Medical Center
Cincinnati, OH, United States

**ROBERTO ROMERO, MD, DMedSci**

Wayne State University School of Medicine
Chief, Perinatology Research Branch
Wayne State University School of Medicine
Director, Division of Obstetrics and
Maternal-Fetal Medicine
Intramural Division, NICHD, NIH, DHHS
Editor-in-Chief for Obstetrics
American Journal of Obstetrics & Gynecology
Detroit, MI, United States

**JONATHAN M. KLEIN, MD**

Professor of Pediatrics
Stead Family Department of Pediatrics
University of Iowa
Medical Director Neonatal Intensive Care Unit
Medical Director, Nurse Practitioner Program,
Neonatal Intensive Care Unit
University of Iowa Stead Family Children's
Hospital
Iowa City, IA, United States

**MARTHA SOLA-VISNER, MD**

Associate Professor in Pediatrics
Harvard Medical School
Physician in Medicine, Division of Newborn
Medicine
Director, Newborn Medicine Clinical Research
Program
Boston Children's Hospital
Boston, MA, United States

**MARK MERCURIO, MD, MA**

Professor of Pediatrics
Chief, Neonatal-Perinatal Medicine
Director, Program for Biomedical Ethics
Yale University School of Medicine
New Haven, CT, United States

**ARJAN TE PAS, MD, PhD**

Professor in Pediatrics
Pediatrician-Neonatologist, Senior Consultant
Neonatologist
Department of Pediatrics, subdivision
Neonatology
Leiden University Medical Centre
Leiden, Netherlands



EDUARDO BANCALARI, MD

Emeritus Professor of Pediatrics
Director Division of Neonatology



NINA BERROCAL, MD

Professor of Clinical Ophthalmology
Medical Director of Pediatric Retina and ROP
Vitreoretinal Fellowship Director



NELSON CLAURE, MSc, PhD

Research Professor of Pediatrics and Biomedical Engineering
Director, Neonatal Respiratory Laboratory
Division of Neonatology



TERESA DEL MORAL, MD

Professor of Pediatrics
Division of Neonatology



AUGUSTO SCHMIDT, MD, PhD

Assistant Professor of Pediatrics
Division of Neonatology

CONFERENCE PROGRAM SCHEDULE

Monday, November 15, 2021

7:00 am

Continental Breakfast

8:00 – 8:15 am

Welcome Remarks

8:15 – 9:00 am

***THE CHARLES BAUER KEYNOTE ADDRESS:
Fetal Inflammatory Response Syndrome***

Roberto Romero

9:00 – 9:30 am

Neuroplacentology

Anna Penn

9:30 – 10:00 am

Moral status and justice considerations in caring for extremely premature newborns

Mark Mercurio

10:00 – 10:20 am

Q&A

10:20 – 10:50 am

Break & Exhibits

10:50 – 11:20 am

Beyond extreme prematurity: management of peri-viable infants “the Iowa way”

Jonathan M. Klein

11:20 – 11:50 pm

Resuscitation policies for extremely premature newborns: an ethical and practical framework

Mark Mercurio

11:50 – 12:10 pm

Q&A

12:10 – 1:10 pm

Lunch & Exhibits

1:10 – 1:40 pm

Brain development in the ELBW in the NICU - environment and exposures matter

Terrie E. Inder

1:40 – 2:10 pm

Sex difference in neonatal brain injury

Anna Penn

2:10 – 2:40 pm

Brain monitoring in the ELBW - who, when and why?

Terrie E. Inder

2:40 – 3:10 pm

Identifying preterm infants at high risk for periventricular/intraventricular hemorrhage: the role of NIRS

Shahab Noori

3:10 – 4:10 pm

EXPERT PANEL: BRAIN INJURY

CONFERENCE PROGRAM SCHEDULE

Tuesday, November 16, 2021

7:00 am

Continental Breakfast

8:00 – 8:30 am

Antenatal corticosteroids: too much of a good thing?

Augusto Schmidt

8:30 – 9:00 am

Physiology of transition

Arjan Te Pas

9:00 – 9:30 am

Outcomes of periviable infants managed with a proactive approach

Jonathan M. Klein

9:30 – 10:00 am

Non-invasive ventilation at birth

Arjan Te Pas

10:00 – 10:30 am

Q&A

10:30 – 11:00 am

Break & Exhibits

11:00 – 11:30 am

Red cell transfusions in preterm neonates: what we know and what we don't

Martha Sola-Visner

11:30 – 12:00 pm

Vasopressors, inotropes and lusitropes: The use and misuse

Shahab Noori

12:00 – 12:30 pm

Caffeine in neonates - and its beneficial effects on kidney and other organ systems

Ronnie Guillet

12:30 – 1:00 pm

Q&A

1:00 – 2:30 pm

Lunch & Exhibits

2:30 – 3:00 pm

Neonatal malnutrition: lessons from a growth and nutrition collaborative

Jae Kim

3:00 – 3:30 pm

Probiotics in the NICU, evidence and controversies

Teresa del Moral

3:30 – 4:00 pm

Building a world without NEC

Jae Kim

4:00 – 4:30 pm

Q&A

CONFERENCE PROGRAM SCHEDULE

7:00 am

8:00 – 8:30 am

8:30 – 9:00 am

9:00 – 9:30 am

9:30 – 9:50 am

9:50 – 10:20 am

10:20 – 10:50 am

10:50 – 11:10 am

11:10 – 11:30 am

Wednesday, November 17, 2021

Continental Breakfast

Oxygen: too much or too little

Nelson Claure

Three decades of ROP

Audina M. Berrocal

Management of the infant with severe BPD

Eduardo Bancalari

Q&A

AKI in premature infants: short and long-term consequences

Ronnie Guillet

Platelet transfusion in neonates: “first do no harm”

Martha Sola-Visner

Q&A

Closing remarks and adjourn

GENERAL INFORMATION

OBJECTIVES:

Upon completion of this activity, participants will be able to:

- Identify the mechanisms and consequences of the Fetal Inflammatory Response Syndrome
- Describe the relationship between placental abnormalities and neurodevelopment
- Anticipate some of the ethical challenges associated with future use of Artificial Womb Technology
- Describe the environmental factors that can influence brain development in the ELBW in the NICU
- Identify the influence of gender differences in neonatal brain injury
- Reconsider ethical and practical issues in resuscitation policies for extremely premature newborns
- Describe the management strategies of peri-viable infants
- Identify the indications and best timing for brain monitoring in the ELBW
- Comprehend the use of NIRS to identify preterm infants at high risk for periventricular/intraventricular hemorrhage
- Describe the physiology of transition following birth
- Recognize the outcomes of peri-viable infants managed with a proactive approach
- Identify the indications of non-invasive ventilation after birth
- Recognize the indications and possible side effects of antenatal corticosteroids
- Describe the indications and potential risks of red cell transfusions in preterm neonates
- Comprehend the use and misuse of vasopressors, inotropes and lusitropes in the preterm infant
- Recognize the beneficial effect of caffeine on kidney and other organ systems in the newborn
- Describe the most common causes and consequences of neonatal malnutrition
- Review the evidence and controversies regarding the use of probiotics in the NICU
- Recognize the necessary steps to prevent NEC
- Describe the evolution of ROP during the last three decades
- Recognize the consequences of excessive and insufficient oxygen in the premature infant
- Describe the most important strategies in the management of infants with severe BPD
- Recognize the short and long-term consequences of AKI in premature infants
- Describe the indications and risks of platelet transfusion in neonates

DATES: Monday, November 15th thru Wednesday, November 17, 2021 via in-person and Zoom Webinar.

TARGET AUDIENCE: This conference is directed towards Neonatologists, Obstetricians / Perinatologists, Pediatricians, Physician Assistants, Respiratory Therapists, Nurse Practitioners, Clinical Nurse Specialists, Neonatal Nurses, and other health care professionals within the fields of Neonatology/Perinatology/Pediatrics. **Simultaneous Spanish translation will be available.**

ACCREDITATION: The University of Miami-Leonard M. Miller School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Alexandria Stewart-Scurry RN, MBA is an approved continuing education provider by the Florida Board of Nursing through CE Broker, and her affiliation with the Black Nurses Association-Miami Chapter.

CREDIT DESIGNATION: University of Miami-Leonard M. Miller School of Medicine designates this live activity for a maximum of 15.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses will be provided with 17 continuing education units (CEU) for the conference and by the BNA, Black Nurses Association.

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION STATEMENT: All conflicts of interest of any individual(s) in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.

SERVICES FOR THE DISABLED (ADA STATEMENT)

If special arrangements are required for an individual with a disability to attend this conference, contact miamineonatology@miami.edu at least 15 days prior to the conference.

IN-PERSON CONFERENCE REGISTRATION FORM

Last Name: _____ First Name: _____

Middle Initial: _____ Degree: _____

Preferred Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____ E-mail address: _____

Contact Telephone (include area code): (____) _____ ☐ Home ☐ Office ☐ Cell

Month / Day of Birth (mm / dd): _____ (Must be provided to receive CME credits)

Nursing License # _____ (Must be provided to receive CEU credits certificate)

☐ I agree to have my email address shared with the other participants and supporters of this conference.

PROFESSION:

- ☐ Physician
- ☐ Nurse
- ☐ ARNP
- ☐ Respiratory Therapist
- ☐ Trainee
- ☐ Fellow
- ☐ Other: _____

PRACTICE:

- ☐ Private
- ☐ Private-University
Affiliated
- ☐ Full-Time Academic
University Based

SPECIALTY:

- ☐ Neonatology
- ☐ Pediatrics
- ☐ Obstetrics/Perinatology
- ☐ Others: _____

IN-PERSON FEES

CATEGORY	Early (June 16 – Sep. 30)	Regular (Oct. 1 – Nov. 5)
Physicians	\$725.00 USD	\$800.00 USD
Physicians in training, Nurses and Therapists	\$600.00 USD	\$650.00 USD

REGISTRATION INCLUDES:

- Access to all live presentations and panel discussions
- Access to all recorded sessions
- Receive a certificate of attendance
- Access to in-person exhibit hall and opportunity to interact with company representatives
- Access to Loews Hotel room block at special rate (see hotel page for more details)
- Breakfast, break snack and lunch during conference dates (break snack and lunch not included on last day)
- Simultaneous Spanish Translation (if desired)
- Wi-Fi access

A letter documenting Trainee's status from Training Director must accompany registration.

CME certificate is not included in any of the registration fees. Attendees that wish to receive a CME certificate will be asked to pay \$40.

For information on group discounts please contact us at miamineonatology@miami.edu.

REGISTRATION CANCELLATION POLICY: The cancellation deadline for in-person registrations is September 24, 2021. Refunds will be provided except for a \$30 handling fee. Cancellations for in-person registrations received between September 24 and October 15, 2021 will be credited to the 2022 conference. Cancellations after October 15, 2021 are nonrefundable. Cancellations due to COVID-19 related circumstances will be reviewed on a case-by-case basis.

REGISTRATION METHOD: Valid form of payment MUST accompany registration

"On-line" (credit cards only) www.miamineonatology.com - 24 hours a day

"Mail" (check or credit card)

Cut off date: Online and Mail – November 5, 2021.

☐ Make check payable in U.S. dollars to: Division of Neonatology - University of Miami - Miller School of Medicine

☐ Credit card: ☐ Visa ☐ Master Card

Total amount: _____

If you are paying with a credit card, please submit your application with credit card information via mail to the address below. We kindly ask that you DO NOT send any credit card information via email.

Mail to: **MARITZA CALLE**

University of Miami - Miller School of Medicine | Division of Neonatology (C-208)

Don Soffer Clinical Research Center | 1120 N.W. 14 Street, Suite 1212 | Miami, Florida 33136 U.S.A.

ONLINE CONFERENCE REGISTRATION FORM

Last Name: _____ First Name: _____

Middle Initial: _____ Degree: _____

Preferred Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____ E-mail address: _____

Contact Telephone (include area code): (____) _____ ☐ Home ☐ Office ☐ Cell

Month / Day of Birth (mm / dd): _____ (Must be provided to receive CME credits)

Nursing License # _____ (Must be provided to receive CEU credits certificate)

☐ I agree to have my email address shared with the other participants and supporters of this conference.

PROFESSION:

- ☐ Physician
☐ Nurse
☐ ARNP
☐ Respiratory Therapist
☐ Trainee
☐ Fellow
☐ Other: _____

PRACTICE:

- ☐ Private
☐ Private-University
Affiliated
☐ Full-Time Academic
University Based

SPECIALTY:

- ☐ Neonatology
☐ Pediatrics
☐ Obstetrics/Perinatology
☐ Others: _____

ONLINE FEES

CATEGORY	Early (June 16 – Sept. 30)	Regular (Oct 1 – Nov 12)
Physicians	\$170.00 USD	\$200.00 USD
Physicians in training, Nurses and Therapists	\$110.00 USD	\$140.00 USD

REGISTRATION INCLUDES:

- Access to all live presentations and panel discussions
- Access to all recorded sessions
- Receive a certificate of attendance
- Access to our virtual exhibition hall and interact with company representatives
- Register at a lowered fee
- Simultaneous Spanish Translation (if desired)

A letter documenting Trainee's status from Training Director must accompany registration.

CME certificate is not included in any of the registration fees. Attendees that wish to receive a CME certificate will be asked to pay \$40.

For information on group discounts please contact us at miamineonatology@miami.edu.

REGISTRATION CANCELLATION POLICY: The cancellation deadline for virtual registrations is November 5, 2021. Refunds will be provided except for a \$30 handling fee. Cancellations after November 5, 2021 are nonrefundable. Cancellations due to COVID-19 related circumstances will be reviewed on a case-by-case basis.

REGISTRATION METHOD: Valid form of payment MUST accompany registration

"On-line" (credit cards only) www.miamineonatology.com - 24 hours a day

"Mail" (check or credit card)

Cut off date: Online – November 12, 2021. Mail – November 5, 2021.

- ☐ Make check payable in U.S. dollars to: Division of Neonatology - University of Miami - Miller School of Medicine
☐ Credit card: ☐ Visa ☐ Master Card

Total amount: _____

If you are paying with a credit card, please submit your application with credit card information via mail to the address below. We kindly ask that you DO NOT send any credit card information via email.

Mail to: **MARITZA CALLE**

University of Miami - Miller School of Medicine | Division of Neonatology (C-208)

Don Soffer Clinical Research Center | 1120 N.W. 14 Street, Suite 1212 | Miami, Florida 33136 U.S.A.

RESORT INFORMATION



LOEWS HOTELS

1601 Collins Avenue
Miami Beach, FL 33139

HOTEL RESERVATION INFORMATION

For your convenience, we have reserved a limited block of rooms at special discounted prices at the Loews Miami Beach. In order to qualify for discounted rates, you must first register for the conference at www.miamineonatology.com. Once registered, you can call **1-888-879-0462** and reference group code **UMNN13**. Reservations may also be made online at www.loewshotels.com/miami-beach/group-miami-neonatology-2021. Discounted rates are available until the reserved block is sold out. Due to the hotel's popularity, we encourage you to make your reservation early.

ROOM RATES:

- Guest Rooms start at \$275 per night base rate

AMENITIES INCLUDE:

- Located in the heart of South Beach.
- Guest rooms provide contemporary conveniences and views of the ocean or city skyline.
- Oceanfront pool and spa treatment rooms available.

HOTEL FEE:

A daily hotel fee of \$32.00 (in addition to the room rate, plus applicable tax) includes the following hotel services:

- Complimentary internet access for up to four devices.
- Daily Fitness Center access.
- Complimentary participation in daily meditation class on exhale spa terrace (registration required & weather permitting).
- Use of up to 4 beach chairs, daily. One chair per person.
- Use of kayaks, paddle boards and boogie boards.
- Complimentary Banana Boat rides from 10AM - 11AM daily, based upon availability.
- Unlimited local calls.

CHECK-IN & CHECK OUT:

- Standard check-in time is 4 PM, however you may process your check-in upon arrival and store your luggage at the Bell Desk until your room is ready. Rooms are guaranteed to be ready after 4 pm.
- Standard check-out time is 11 AM. Please note that late checkout requests are based upon availability on the date of departure. Additional charges may apply.

Overnight Valet Parking: \$43.87 tax included (per day). Roll-Away Fee: \$30 / per day. Cribs: no fee

Leonard M. Miller School of Medicine

Department of Pediatrics | Division of Neonatology

P.O. Box 016960 (R-131)

Miami, Florida 33101



To register visit:

www.miamineonatology.com

For more information contact:

miamineonatology@miami.edu