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
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
Keck 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-Prebyterian 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 in 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00 – 8:15 am</td>
<td>Welcome Remarks</td>
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<tr>
<td>8:15 – 9:00 am</td>
<td><strong>THE CHARLES BAUER KEYNOTE ADDRESS:</strong>&lt;br&gt;Fetal Inflammatory Response Syndrome&lt;br&gt;Roberto Romero</td>
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<tr>
<td>9:00 – 9:30 am</td>
<td>Neuroplacentology&lt;br&gt;Anna Penn</td>
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<tr>
<td>9:30 – 10:00 am</td>
<td>Moral status and justice considerations in caring for extremely premature newborns&lt;br&gt;Mark Mercurio</td>
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<tr>
<td>10:00 – 10:20 am</td>
<td>Q&amp;A</td>
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<tr>
<td>10:20 – 10:50 am</td>
<td>Break &amp; Exhibits</td>
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<tr>
<td>10:50 – 11:20 am</td>
<td>Beyond extreme prematurity: management of peri-viable infants “the Iowa way”&lt;br&gt;Jonathan M. Klein</td>
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<tr>
<td>11:20 – 11:50 pm</td>
<td>Resuscitation policies for extremely premature newborns:&lt;br&gt;an ethical and practical framework&lt;br&gt;Mark Mercurio</td>
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<tr>
<td>11:50 – 12:10 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>12:10 – 1:10 pm</td>
<td>Lunch &amp; Exhibits</td>
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<tr>
<td>1:10 – 1:40 pm</td>
<td>Brain development in the ELBW in the NICU - environment and exposures matter&lt;br&gt;Terrie E. Inder</td>
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<tr>
<td>1:40 – 2:10 pm</td>
<td>Sex difference in neonatal brain injury&lt;br&gt;Anna Penn</td>
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<tr>
<td>2:10 – 2:40 pm</td>
<td>Brain monitoring in the ELBW - who, when and why?&lt;br&gt;Terrie E. Inder</td>
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<tr>
<td>2:40 – 3:10 pm</td>
<td>Identifying preterm infants at high risk for periventricular/intraventricular hemorrhage: the role of NIRS&lt;br&gt;Shahab Noori</td>
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<tr>
<td>3:10 – 4:10 pm</td>
<td><strong>EXPERT PANEL: BRAIN INJURY</strong></td>
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<td>Time</td>
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<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00 – 8:30 am</td>
<td>Antenatal corticosteroids: too much of a good thing?</td>
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<td></td>
<td>Augusto Schmidt</td>
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<tr>
<td>8:30 – 9:00 am</td>
<td>Physiology of transition</td>
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<td>Arjan Te Pas</td>
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<tr>
<td>9:00 – 9:30 am</td>
<td>Outcomes of periviable infants managed with a proactive approach</td>
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<td>Jonathan M. Klein</td>
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<td>9:30 – 10:00 am</td>
<td>Non-invasive ventilation at birth</td>
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<td>Red cell transfusions in preterm neonates: what we know and what we don’t</td>
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<td>Martha Sola-Visner</td>
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<td>11:30 – 12:00 pm</td>
<td>Vasopressors, inotropes and lusitropes: The use and misuse</td>
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<td>Shahab Noori</td>
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<td>12:00 – 12:30 pm</td>
<td>Caffeine in neonates - and its beneficial effects on kidney and other organ systems</td>
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<td>Ronnie Guillet</td>
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<td>12:30 – 1:00 pm</td>
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<td>Lunch &amp; Exhibits</td>
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<td>2:30 – 3:00 pm</td>
<td>Neonatal malnutrition: lessons from a growth and nutrition collaborative</td>
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<td>Jae Kim</td>
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<td>3:00 – 3:30 pm</td>
<td>Probiotics in the NICU, evidence and controversies</td>
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<td>Teresa del Moral</td>
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<td>3:30 – 4:00 pm</td>
<td>Building a world without NEC</td>
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<td>Jae Kim</td>
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<td>4:00 – 4:30 pm</td>
<td>Q&amp;A</td>
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<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00 – 8:30 am</td>
<td>Oxygen: too much or too little</td>
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<td>Nelson Claure</td>
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<td>8:30 – 9:00 am</td>
<td>Three decades of ROP</td>
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<td>Audina M. Berrocal</td>
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<td>9:00 – 9:30 am</td>
<td>Management of the infant with severe BPD</td>
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<td>Eduardo Bancalari</td>
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<td>9:30 – 9:50 am</td>
<td>Q&amp;A</td>
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<td>9:50 – 10:20 am</td>
<td>AKI in premature infants: short and long-term consequences</td>
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<td>Ronnie Guillet</td>
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<td>10:20 – 10:50 am</td>
<td>Platelet transfusion in neonates: “first do no harm”</td>
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<td>Martha Sola-Visner</td>
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<tr>
<td>10:50 – 11:10 am</td>
<td>Q&amp;A</td>
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<tr>
<td>11:10 – 11:30 am</td>
<td>Closing remarks and adjourn</td>
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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 e-mail 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

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Early (June 16 – Sep. 30)</th>
<th>Regular (Oct. 1 – Nov. 5)</th>
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<tbody>
<tr>
<td>Physicians</td>
<td>$725.00 USD</td>
<td>$800.00 USD</td>
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<tr>
<td>Physicians in training, Nurses and Therapists</td>
<td>$600.00 USD</td>
<td>$650.00 USD</td>
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</table>

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.
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

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<tr>
<td>Physicians</td>
<td>$170.00 USD</td>
<td>$200.00 USD</td>
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<tr>
<td>Physicians in training, Nurses and Therapists</td>
<td>$110.00 USD</td>
<td>$140.00 USD</td>
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</table>

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)


☐ 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.
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