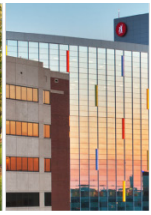


2024 INTERNATIONAL NEONATAL NEPHROLOGY SYMPOSIUM

September 11-15, 2024 | Birmingham, Alabama | CHILDRENSAL.ORG/INNS



FULL SYMPOSIUM SCHEDULE

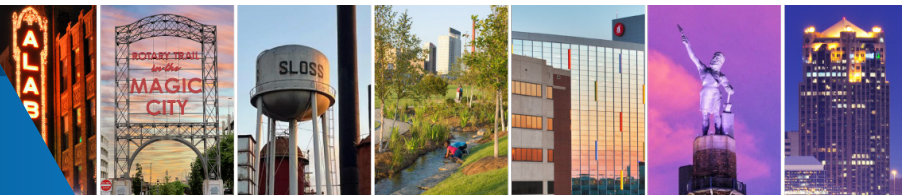
WEDNESDAY, SEPT. 11, 2024

8:00 AM - 12:00 PM	PRE COURSE EVENT: NICKS AM
12:00 PM - 1:00 PM	LUNCH
1:00 PM - 5:00 PM	PRE COURSE EVENT: NICKS PM
5:00 PM - 6:00 PM	BREAK
6:00 PM - 9:00 PM	EVENING PROGRAM - DINNER

THURSDAY, SEPT. 12, 2024

8:00 AM - 12:00 PM	PRE COURSE EVENT: NICKS AM / RINK AM
12:00 PM - 1:00 PM	LUNCH
1:00 PM - 4:30 PM	PRE COURSE EVENT: NICKS PM / RINK PM
4:30 PM - 5:30 PM	BREAK
5:30 PM - 5:45 PM	OPENING REMARKS
	WELCOME TO INNS David Askenazi, MD, MSPH, FAAP, FASN
	WELCOME TO BIRMINGHAM Anupam Agarwal, MD
5:45 PM - 6:30 PM	KEYNOTE ADDRESS
	TEACHABLE MOMENTS: HOW STUDIES IN CRITICAL CARE NEPHROLOGY INFORM THE NEONATAL NEPHROLOGY FIELD Stuart Goldstein, MD, FAAP, FNKF
6:30 PM - 7:45 PM	WELCOME RECEPTION, POSTERS AND EXHIBITS
7:45 PM - 9:45 PM	FELLOW AND NURSE PRACTITIONER NETWORKING EVENTS

2024 INTERNATIONAL NEONATAL NEPHROLOGY SYMPOSIUM



FRIDAY, SEPT. 13, 2024

7:00 AM - 8:00 AM

BREAKFAST

7:00 AM - 8:00 AM

NKC

8:00 AM - 8:20 AM

INTRO DAY 1

Tom Shufflebarger, President and CEO of Children's of Alabama

FAMILY PERSPECTIVE 1

8:20 AM - 10:00 AM

PLENARY 1: PRACTICAL ASPECTS OF NEONATAL KIDNEY CARE PART 1 - THE SCIENCE AND THE ART

Moderators: David Selewski, MD & Kat Gist, MD

WHAT IS NEONATAL AKI AND WHAT DOES IT MEAN FOR THE BABIES AND PROVIDERS?

Jennifer Jetton, MD

WHAT CAUSES ACUTE KIDNEY INJURY IN NEONATES?

Shina Menon, MD

NEPHROTOXIC MEDICATIONS: IMPLICATIONS, SCREENING AND PREVENTION IN NEONATES

Christine Stoops, DO, MPH

A CUP OF COFFEE A DAY, KEEPS THE NEPHROLOGIST AWAY: METHYLXANTHINES FOR NEONATAL AKI

Matthew Harer, MD

10:00 AM - 10:20 AM

Break

10:20 AM - 12:00 PM

PLENARY 2: PRACTICAL ASPECTS OF NEONATAL KIDNEY CARE PART 2 - THE SCIENCE AND THE ART

Moderators: Meredith Shuh, MD & Cara Slagle, MD

TERMINOLOGY, HISTORY AND CONSEQUENCES OF FLUID IMBALANCE IN NEONATED AND INFANTS

David Selewski, MD

GOLDBLOCKS IN THE GOLDEN WEEK: NOT TOO MUCH AND NOT TOO LITTLE FLUIDS

Colm P. Travers, MD

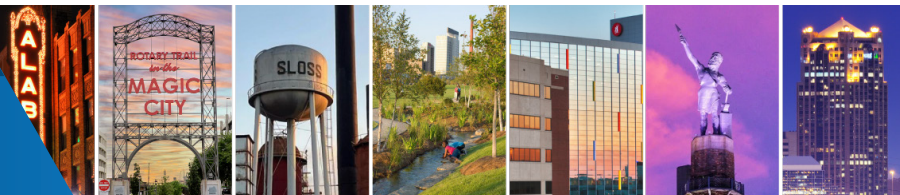
FLUIDS AND PRESSORS FOR ORGAN PERFUSION DURING CRITICAL ILLNESS IN NEONATES: WHAT WOULD THE KIDNEYS SAY?

Namasivayam Ambalavanan, MD

PREVENTING AND TREATING FLUID IMBALANCE DURING CRITICAL ILLNESS

David Askenazi, MD, MSPH, FAAP, FASN

2024 INTERNATIONAL
NEONATAL NEPHROLOGY
SYMPOSIUM



FRIDAY, SEPT. 13, 2024 CONTINUED

12:00 PM - 1:15 PM

LUNCH AND EXHIBITOR WALK

FAMILY PERSPECTIVE 2

1:15 PM - 3:15 PM

PLENARY 3: NEONATAL KIDNEY DISEASE MEASURES

Moderators: Matko Marlais, MD & Christine Stoops, DO

RELIEVING THE PRESSURE ...MEASURING, MONITORING, AND TREATING HTN IN THE NICU

Jennifer Jetton, MD

WHY NUMBERS SPEAK LOUDER THAN WORDS: HOW TO INTERPRET KIDNEY OXYGENATION AND BIOMARKERS IN TIMES OF STRESS AND INJURY

Matthew Harer, MD

WHICH NICU GRADUATES NEED KIDNEY EVALUATIONS DURING CHILDHOOD?

Keia Sanderson, MD, MSCR

KIDNEY HEALTH ASSESSMENTS AFTER NICU IN 2024? IN 2034?

Michelle Starr, MD

ORAL ABSTRACT 1

BEST ABSTRACT 2024: WINDOWS OF SUSCEPTIBILITY TO NEONATAL ACUTE KIDNEY INJURY AND NEPHRON LOSS

Shalini Indugula, MD

3:15 PM - 3:30 PM

Break

3:30 PM - 4:30 PM

DEBATE 1 AND GROUP DISCUSSION WORKSHOP

Moderator: Matthew Harer, MD

NEW AKI DEFINITION - PRO

David Selewski, MD, MS

NEW AKI DEFINITION - CON

Stuart Goldstein, MD, FAAP, FNKF

4:30 PM - 6:00 PM

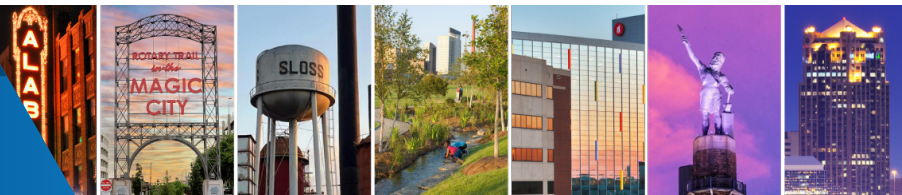
NETWORKING EVENING RECEPTION, POSTERS AND EXHIBITS

6:30 PM - 9:30 PM

INNS FACULTY DINNER

ATTENDEES: DINNER ON YOUR OWN

2024 INTERNATIONAL
NEONATAL NEPHROLOGY
SYMPOSIUM



SATURDAY, SEPT. 14, 2024

7:00 AM - 8:00 AM

BREAKFAST

7:00 AM - 8:00 AM

NKC

8:00 AM - 8:15 AM

INTRO DAY 2

Mitchell Cohen, M.D.

FAMILY PERSPECTIVE 3

8:15 AM - 9:55 AM

PLENARY 4: BASIC SCIENCE FROM CRIB TO BENCH AND BACK TO THE CRIB

Moderators: Keia Sanderson, MD, MSCR & Colm P. Travers, MD

NUTRITIONAL MODULATION OF NEPHROGENESIS

Jennifer Charlton, MD

NON-NUTRITIONAL MODULATORS OF NEPHROGENESIS

Meredith Schuh, MD

FOUNDATIONAL STUDIES OF AKI IN PREMATURE ANIMAL MODELS

Jennifer Charlton, MD

OMICS FOR KIDNEY DISEASE: WHAT ARE THEY, HOW DO WE MAKE SENSE OUT THEM

Namasivayam Ambalavanan, MD

9:55 AM - 10:10 AM

Break

10:10 AM - 11:50 AM

PLENARY 5: CARE OF THE FETUS/BABY WITH SEVERE CONGENITAL KIDNEY DISEASE

Moderators: Enrico Vidal, MD & Ronnie Guillet, MD

GENETICS OF ABNORMAL KIDNEY DEVELOPMENT IN A NUT-SHELL

Kim Reidy, MD

INTRA-UTERINE INTERENTIONS: WHAT HAVE WE LEARNED FROM THE RAFT TRIALS, AND WHERE DO WE GO FROM HERE?

Cara Slagle, MD

MANAGEMENT OF PULMONARY HYPOPLASIA/HYPERTENSION IN THE SETTING OF SEVERE CAKUT

Colm P. Travers, MD

PRENATAL COUNSELING FOR SEVERE CONGENITAL KIDNEY DISEASE: IS THERE A RIGHT WAY?

Matko Marlais, MD, FRCPCH, FHEA

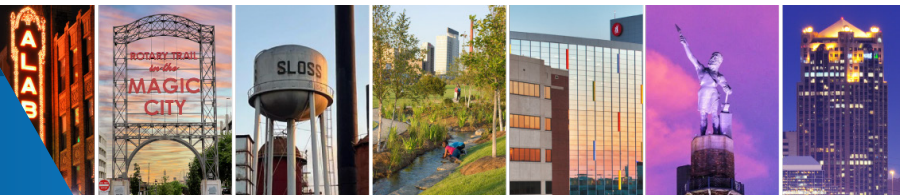
11:50 AM - 12:00 PM

ORAL ABSTRACT 2

PERINATAL FACTORS ASSOCIATED WITH NEONATAL TOTAL KIDNEY VOLUME NORMALIZED TO BODY SURFACE

Shalini Indugula, MD

2024 INTERNATIONAL
NEONATAL NEPHROLOGY
SYMPOSIUM



SATURDAY, SEPT. 14, 2024 CONTINUED

12:00 PM - 1:15 PM

LUNCH AND EXHIBITOR WALK

FAMILY PERSPECTIVE 4

1:15 PM - 3:05 PM

PLENARY 6: KIDNEY SUPPORT THERAPY IN NEONATES

Moderators: Kim Reidy, MD & Kat Gist, MD

RRT FUNDAMENTALS: WHAT BUTTONS DO I PUSH ON THE WASHER AND DRYER?

Kara Short, MSN, CRNP

PAST AND PRESENT OF NEONATAL RRT

Enrico Vidal, MD, PhD

PROPHLACTIC PD IN THE CICU? WHO AND HOW?

Tennille Webb, MD

EXTRA-CORPOREAL THERAPY IN THE NICU OF TOMORROW

Stuart Goldstein, MD, FAAP, FNKF

3:05 PM - 3:15 PM

LIFETIME ACHIEVEMENT AWARD

Carolyn Abitbol, MD

3:15 PM - 4:00 PM

BREAK, EXHIBITOR WALK AND POSTERS

4:00 PM - 5:00 PM

DEBATE 2 AND GROUP DISCUSSION WORKSHOP

Moderator: Cara Slagle, MD

RENAL REPLACEMENT THERAPY (RRT) AVAILABILITY - PRO

Michelle Starr, MD

RENAL REPLACEMENT THERAPY (RRT) AVAILABILITY - CON

Matko Marlais, MD, FRCPCH, FHEA

5:00 PM - 6:30 PM

Break

6:30 PM - 7:00 PM

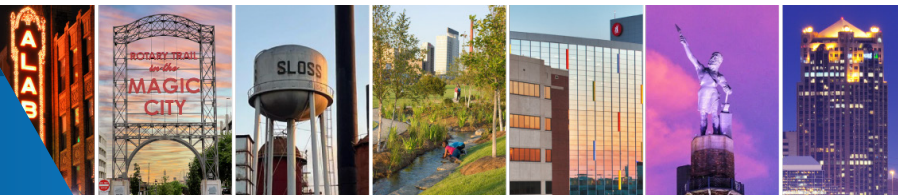
Transport to Networking Social Event

7:00 PM - 10:00 PM

INNS NETWORKING SOCIAL AT B&A WAREHOUSE

ALL ATTENDEES ARE INVITED

2024 INTERNATIONAL
NEONATAL NEPHROLOGY
SYMPOSIUM



SUNDAY, SEPT. 15, 2024

7:00 AM - 8:00 AM

BREAKFAST

7:00 AM - 8:00 AM

NKC

8:00 AM - 9:40 AM

PLENARY 7: NEONATAL ORGAN CROSS TALK

Moderators: Shina Menon, MD & Christine Stoops, DO

IT TAKES TWO TO TANGO: HEART-KIDNEY INTERACTIONS IN NEONATAL AKI AND HEART FAILURE

Katja M. Gist, DO, MSc

CAN AKI AND FLUID OVERLOAD BE AVOIDED IN THE CONTEXT OF NEC?

Cara Slagle, MD

MANAGEMENT OF THE PDA...THE COURT NOW CALLS THE KIDNEYS TO THE STAND

Ronnie Guillet, MD, PhD

KIDNEY-LUNG INJURY INTERACTIONS

Michelle Starr, MD

9:40 AM - 10:00 AM

BREAK

10:00 AM - 12:00 PM

PLENARY 8: NEONATAL NEPHROLOGY POUPOURRI

Moderators: Tennille Webb, MD & Namasivayam Ambalavanan, MD

PUSHING THE BOULDER UP THE HILL: CARING FOR THE NEONATE (AND THEIR FAMILY) WITH CONGENITAL KIDNEY FAILURE FROM DIAGNOSIS UNTIL TRANSPLANT

Kara Short, MSN, CRNP

WHAT REGISTRY DATA TEACHES US ABOUT KST IN SMALL CHILDREN

Shina Menon, MD

OPPORTUNITIES FOR COLLABORATION ACROSS THE GLOBE AND ACROSS SPECIALTIES

Waldemar A. Carlo, MD

HYPERAMMONEMIA: TIME IS BRIAN.

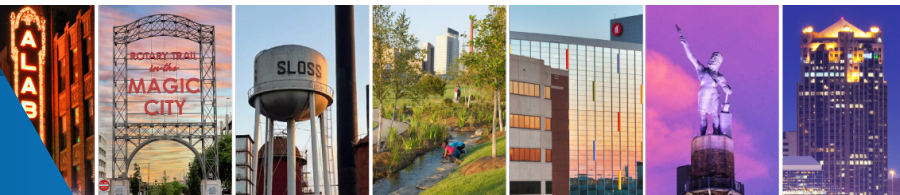
David Selewski, MD, MS

PULLING IT ALL TOGETHER: WHAT LIES AHEAD IN THE NEONATAL NEPHROLOGY FIELD

David Askenazi, MD, MSPH, FAAP, FASN

CLOSING REMARKS

2024 INTERNATIONAL NEONATAL NEPHROLOGY SYMPOSIUM



SPEAKERS

David Askenazi, MD, MSPH, FAAP, FASN

*Professor of Pediatrics, W. Charles Mayer Endowed Chair of Pediatric Nephrology
Medical Director - Pediatric and Infant Center for Acute Care Nephrology (PICAN)
University of Alabama at Birmingham/Children's of Alabama*

Anupam Agarwal, MD

*Senior Vice President for Medicine and Dean
University of Alabama at Birmingham, Heersink School of Medicine*

Stuart Goldstein, MD, FAAP, FNKF

*Clark D. West Endowed Chair
Director, Center for Acute Care Nephrology
Medical Director, Pheresis Service
Co-Director, Heart Institute Research Core
Professor, UC Department of Pediatrics
Cincinnati Children's Hospital*

Tom Shufflebarger

*President and CEO
Children's of Alabama*

Colm P. Travers, MD

*Assistant Professor
University of Alabama at Birmingham/Children's of Alabama*

Namasivayam Ambalavanan, MD

*Professor of Pediatrics
Director, Perinatal Medicine Fellowship Program
Co-Director, Division of Neonatology
Co-Director, TReNDD Program
University of Alabama at Birmingham/Children's of Alabama*

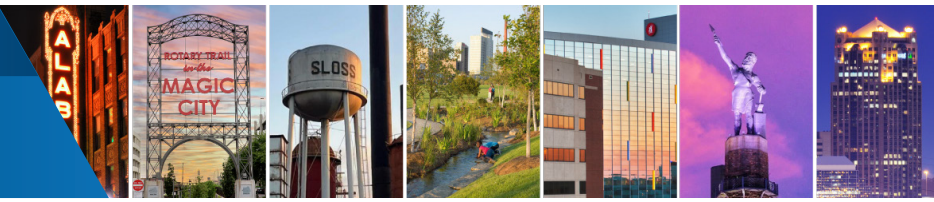
Shina Menon, MD

*Associate Professor, Associate Medical Director, Apheresis
Seattle Children's Hospital*

Jennifer Jetton, MD

*Professor of Pediatrics
Chief of Nephrology
Medical Director, Renal and Hypertension
Medical College of Wisconsin*

2024 INTERNATIONAL
NEONATAL NEPHROLOGY
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Christine Stoops, DO, MPH
Assistant Professor
University of Alabama at Birmingham/Children's of Alabama

Matthew Harer, MD
Associate Professor
University of Wisconsin - Madison

Ronnie Guillet, MD, PhD
Professor
University of Rochester Medical Center

Keia Sanderson, MD, MSCR
Assistant Professor of Medicine and Pediatrics; Director of Pediatric Dialysis
University of North Carolina - Chapel Hill Health

David Selewski, MD, MS
Professor, Medical University of South Carolina Children's Health

Carolyn Abitbol, MD
Professor
University of Miami Health System - Miller School of Medicine

Mitchell Cohen, M.D.
Katharine Reynolds Ireland Chair of Pediatrics
University of Alabama at Birmingham
Physician-in-Chief, Children's of Alabama

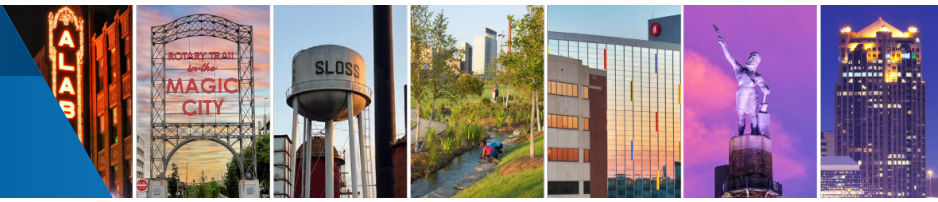
Jennifer Charlton, MD
Associate Professor
University of Virginia Health

Meredith Schuh, MD
Assistant Professor
Cincinnati Children's Hospital

Kim Reidy, MD
Associate Professor; Chief, Department of Pediatrics Division of Pediatric Nephrology
Albert Einstein College of Medicine

Cara Slagle, MD
Assistant Professor
Indiana University Division of Neonatology

2024 INTERNATIONAL NEONATAL NEPHROLOGY SYMPOSIUM



Matko Marlais, MD, FRCPCH, FHEA

Unviersity College London, Great Ormond Street Hospital for Children

Kara Short, MSN, CRNP

Children's of Alabama

Tennille Webb, MD

Assistant Professor

University of Alabama at Birmingham/Children's of Alabama

Michelle Starr, MD

Assistant Professor

Riley Children's Health, Indiana University Health

Katja M. Gist, DO, MSc

Pediatric Cardiologist and Intensivist, Cardiology Clinic

Co-Director, Center for Acute Care Nephrology

Associate Professor, UC Department of Pediatrics

Cincinnati Children's Hospital

Akash Deep, MD, FRCPCH

Professor

King's College Hospital, London

Waldemar A. Carlo, MD

Edwin M. Dixon Endowed Chair Professor of Pediatrics,

Divison Director, Neonatology

Unviersity of Alabama at Birmingham/Children's of Alabama

CONTINUING EDUCATION

Children's of Alabama designates this live activity for a maximum of **15.5 AMA PRA Category 1 Credits™**.

Physicians

should claim only the credit commensurate with the extent of their participation in the activity. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Medical Association of the State of Alabama. Children's of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.

Successful completion of this CME activity, which includes participation in the activity, with individual assessments of the participant and feedback to the participant, enables the participant to earn **15.5 MOC** points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABP MOC credit.

Note: MOC points are Part 2.