

# ANNUAL SOUTHEASTERN PEDIATRIC RESEARCH CONFERENCE

**JUNE 11, 2021** 

Search your email for your 'Magic Link' to access the event.

Google Chrome or Mozilla Firefox only

# **Paradigm Changing Innovation & Promoting Health Equity**

7:00 - 8:00	Speed Networking, Pediatric Core Booths & Scientific Posters

#### 8:00 – 8:05 Introduction of Conference Co-Chairs

#### Clinton H. Joiner, MD, PhD

Professor and Vice Chair for Research, Department of Pediatrics

Emory University School of Medicine

Aflac Children's Chair for Hematology

Director, Section of Hematology

Aflac Cancer and Blood Disorders Center of Children's Healthcare of Atlanta

# **Conference Co-Chairs**

# Claudia R. Morris, MD, FAAP

Professor of Pediatrics and Emergency Medicine The Wilbur Fisk Glenn Jr.

Distinguished Faculty Chair for Clinical & Translational Research

Research Director, Division of Pediatric Emergency Medicine

Co-Director, Center for Clinical and Translational Research

**Emory University School of Medicine** 

# Hee Cheol Cho, PhD

Urowsky-Sahr Scholar in Pediatric Bioengineering

Director of Heart Regeneration Program, The Heart Center at

Children's Healthcare of Atlanta

Associate Professor, Departments of Pediatrics and Biomedical Engineering, Emory University and Georgia Institute of

Technology

#### 8:05 – 8:20 Welcome from Leadership

# **Donna Hyland**

Chief Executive Officer Children's Healthcare of Atlanta Vikas P. Sukhatme, MD, ScD

Robert W. Woodruff Professor of Medicine

Dean, Emory University School of

Medicine

Chief Academic Officer, Emory

Healthcare

# Chaouki T. Abdallah, PhD

Executive Vice President for

Research

Professor of Electrical & Computer Engineering

Georgia Institute of Technology



8:20 - 8:35	Research Landscape at Emory + Children's
0.20 - 0.33	Research Lanuscape at Eniory + Children's

Lucky Jain, MD, MBA

George W. Brumley, Jr. Professor and Chair, Department of Pediatrics

**Emory University School of Medicine** 

Chief Academic Officer, Children's Healthcare of Atlanta

## 8:35 – 9:15 Nitric Oxide and Arginine Therapy

#### Lou Ignarro, PhD

Nobel Prize Recipient in Physiology or Medicine 1998 Professor Emeritus, University of California, Los Angeles

Professor, King Saud University

# 9:15 – 9:55 An Update on COVID-19 Vaccines:

A 15 Month Adventure to Move Vaccines from the Bench to the Clinic

#### Evan J. Anderson, MD

Professor of Pediatrics and Medicine

Associate Co-Director for the Emory T32 Vaccinology Training grant Multiple PI of the Emory Vaccine Treatment and Evaluation Unit (VTEU)

Associate Division Chief for Clinical Research for the Pediatric Infectious Disease Division

**Emory University School of Medicine** 

#### 9:55 - 10:40 Break & Poster Session 1

# 10:40 – 11:20 When Food Causes Harm: The Impact of Food Allergy and its Treatment

#### Brian P. Vickery, MD

Associate Professor of Pediatrics Emory University School of Medicine

Director, Food Allergy Center at Children's Healthcare of Atlanta

### 11:20 – 11:40 Short Talks on Selected Abstracts

Cytokine Analysis in Cerebrospinal Fluid in Pediatric Anti-NMDA Receptor Autoimmune Encephalitis *Grace Gombolay, Robyn Howarth, and Laura Blackwell* 

The scRNA-seq Revealed Abundance of Inflammatory Macrophages and Reduction of B- and T-Cells in Treatment Naïve Pediatric Crohn's Disease Patients

**Sushma Chowdary Maddipatla**, Vasantha Kolachala, Suresh Venkateswaran, Anne Dodd, Peng Qiu, Greg Gibson, Jason Matthews and Subra Kugathasan

#### Lunch

# 11:40 - 1:00

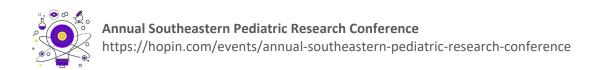
12:00 – 12:50: Career Assessment and Planning: The Path to Career Fit & Satisfaction
This seminar is appropriate for trainees at all stages, research mentors, and even staff scientists! Learn more about the elements of career assessment and planning, as well as the importance and limits and the benefits to both trainees & mentors. The workshop will include a panel with mentors Drs. Claudia Morris and Lou Ann Brown, and mentee Dr. Loretta Reyes, discussing their experience with academic career assessment and planning and the critical role of mentorship.



**Door Prize Drawing – Must be Present to Win!** 

4:00

1:00 – 1:10	Afternoon Welcome
	Yasmin Tyler-Hill, MD, FAAP Associate Professor and Chair of Clinical Pediatrics Morehouse School of Medicine Medical Director, Children's Healthcare of Atlanta – Hughes Spalding
1:10 – 1:50	Cells and Their Byproducts for Duchenne Muscular Dystrophy: A New Therapeutic Paradigm
	Eduardo Marbán, MD, PhD  Mark S. Siegel Family Foundation Distinguished Professor  Executive Director, Smidt Heart Institute  Cedars-Sinai Medical Center
1:50 – 2:20	Short Talks on Selected Abstracts
	Synthetic TBX18 mRNA Induces Durable Reprogramming of Cardiomyocytes to Pacemaker Cells <b>David Wolfson</b> , Nadine Zureick, Natasha Fernandez, Jared Beyersdorf, Christina Sheng, Sung Jin Park, Philip Santangelo, and Hee Cheol Cho
	Prognostic Indicators of Mortality in Children After Cardiac Arrest Using Non-invasive Diffuse Optics for Cerebral Hemodynamic Monitoring: Preliminary Insights  *Kyle Cowdrick*, Kaitlin Jones, Nir Atlas, Zhou Fang, Seung Yup Lee, Eashani Sathialingam, Rowan Brothers, Amanda Liew, Michael Wolf, Jocelyn Grunwell, and Erin Buckley
	Sex- and Diagnosis-Based Divergences in Trajectories of Language Development in a Cohort of Autistic and Typically Developing Children  Deniz Parmaksiz, Sanju Koirala, Stella Yuan, Elizabeth Kushner, Warren Jones, Sarah Shultz, Ami Klin, and Laura Edwards
2:20 – 3:05	Break & Poster Session 2
3:05 – 3:45	Designing & Conducting Child Health Research to Increase Health Equity
	Tumaini Rucker Coker, MD, MBA Associate Professor and Chief, Division of General Pediatrics, University of Washington Department of Pediatrics Director of Research, Center for Diversity & Health Equity, Seattle Children's Hospital Investigator, Center for Child Health, Behavior, & Development, Seattle Children's Research Institute Co-Director, UW Child Health Equity Research Fellowship
3:45 – 3:55	Presentation of Poster Awards
	Claudia R. Morris, MD, FAAP & Hee Cheol Cho, PhD
3:55 – 4:00	Closing Remarks
	Clinton H. Joiner, MD, PhD



The Emory University School of Medicine designates this live activity for a maximum of 4.5 AMA PRA Category 1 Credits $^{TM}$ . Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Emory University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



