

Baylor College of Medicine - Texas Children's Hospital
Pediatric Research Symposium

April 5, 2022

Program Agenda

2022 Theme: "Harnessing Novel Collaborations for Scientific Discovery"

- 8:00 – 8:10 a.m. **Opening Remarks**
Shaine A. Morris, MD, MPH, Symposium Chair
- 8:15 – 9:20 a.m. **Poster Session-1**
- 9:25 – 10:40 a.m. **Top Abstracts Oral Presentations**
Dr. Jessica Butts (Molecular & Human Genetics)
Elucidating the molecular basis of Atoh1 lineage diversity in the developing hindbrain
- Saliha Pathan (Gastroenterology, Hepatology & Nutrition)
P2Y2 purinergic receptor-mediated metabolic reprogramming and activation of aerobic glycolysis contributes to sepsis-induced liver injury in mice.
- Dr. Reem Shawar (Diabetes and Endocrinology)
Adipokines and Bone Health in Hispanic Children
- Dr. Margaret Taylor (Infectious Diseases)
The Clinical Impact of Penicillin Allergy Labels on Pediatric Outpatients
- Dr. Jacob Junco (Hematology/Oncology)
A novel transgenic mouse model of DS-ALL identifies upregulation of DNA repair signaling and kinase signaling as targetable vulnerabilities
- 10:40 – 10:50 a.m. **Awards**
Catherine M. Gordon, MD, MSc,
Pediatrician-in-Chief and Chair of Texas Children's Department of Pediatrics
- 10:50 – 11:35 a.m. **Keynote Research Presentation**
"Heritable Thoracic Aortic Disease: Molecular Mechanisms and Gene-Based Management"
Dianna Milewicz, MD, PhD
President George H.W. Bush Chair of Cardiovascular Medicine,
Director of the Division of Medical Genetics
Vice-Chair of the Department of Internal Medicine
University of Texas Health Science Center at Houston
McGovern Medical School.

11:40 – 12:45 p.m. **Poster Session-2**

12:45 – 1:45 p.m. **Lunch Break**

1:45 – 2:30 p.m. **Keynote Scholarship Presentation**

“The Epidemiology of Cancer Risk in Children with Congenital Anomalies:
An Opportunity for Collaboration, Team Science, and Mentorship”

Philip J. Lupo, PhD

Professor, Pediatrics - Hematology-Oncology

Dan L Duncan Comprehensive Cancer Center

Baylor College of Medicine

Texas Children's Hospital

2:30 – 4:00 p.m.

Fellows' Workshop

Shaine A. Morris, MD, MPH, Symposium Chair

Associate Professor, Pediatrics - Cardiology

Dan L Duncan Comprehensive Cancer Center

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