

The Rainbow Research Symposium

The 14th Annual Rangos Research Symposium



Bridging Basic And Bedside Science

7:30 AM – 8:00 AM	REGISTRATION AND BREAKFAST
8:00 AM – 8:10 AM	OPENING REMARKS – Terry Dermody (MD); Chair of Pediatrics
8:10 AM – 8:55 AM	SESSION I Nick Guiot (MD) – <i>Relationship between dysanapsis and configuration of flow-volume curve</i> Yu Li (MD) – <i>Trends of Pediatric Viral Myocarditis Before, During, and After COVID-19 Pandemic</i> Michael Wang (MD) – <i>Perinatal Outcomes associated with Respiratory Syncytial Virus Vaccination in Pregnancy</i>
8:55 AM – 9:00 AM	BRIDGE BUILDER AWARDS I
9:00 AM – 9:10 AM	COFFEE BREAK
9:10 AM – 9:55 AM	SESSION II Hisato Yagi (PhD) – <i>Spatial transcriptome profiling uncovers metabolic regulation in left-right patterning</i> Brock Karolcik (MD) – <i>The Electrophysiology Experience in Patients with Ebstein's Anomaly Undergoing the da Silva Cone Repair at UPMC-CHP</i> Heather Stephenson (Undergraduate Researcher) – <i>HssS Sensing Coordinates Heme Homeostasis during Group B Streptococcus Infection</i>
9:55 AM – 10:25 AM	KEYNOTE I: Daria Van Tyne, PhD; Department of Infectious Diseases <i>Back to the Future: Phage therapy for antibiotic-resistant infections</i>
10:25 AM – 10:30 AM	BRIDGE BUILDER AWARDS II
10:30 AM – 11:30 AM	POSTER SESSION I
11:30 AM – 12:30 PM	LUNCH
12:35 PM – 1:20 PM	SESSION III John Wang (MD, PhD) – <i>Dynamic changes to signaling pathways involved in aberrant myelination in LAMA2-related muscular dystrophy</i> Sirine Belaid (MD, MBBS) – <i>A Needs Assessment Among Pediatric Residents in the Management of Patients with Intestinal Failure – Road Towards a Curriculum Development Project</i> Kaitlyn Bloom (PhD, FACMG) – <i>Evaluation of a Novel Therapeutic CDX-6114 for PKU in a PAH-deficient porcine model</i>
1:20 PM – 1:25 PM	BRIDGE BUILDER AWARDS III
1:25 PM – 2:25 PM	POSTER SESSION II
2:30 PM – 3:15 PM	SESSION IV Rajaganapathi Jagannathan (PhD) – <i>TEAD1 regulation of Angiotensin II signaling in the heart and NFAT activity</i> Amitha Halthore (BS) – <i>CATCHing up Pediatric Vaccination Rates and Community Resource Integration through Tele-Outreach</i> Heather Mentrup (PhD) – <i>PARKIN modulates mitophagy through the HIF1α-NIX mitophagy axis in the gut</i>
3:15 PM – 3:45 PM	KEYNOTE II: Maya Ragavan, MD, MPH, MS; Department of Pediatrics <i>Innovative caregiver-adolescent interventions to prevent relationship abuse</i>
3:45 PM – 4:00 PM	POSTER AWARDS AND CLOSING REMARKS – Planning Committee