

MICHIGAN MEDICINE
Department of Pediatrics

29th Annual
Pediatric Research Symposium
May 13-14, 2019

PROGRAM - ORAL PRESENTATIONS

Monday, May 13

Poster Session – Towsley Lobby (3-6:00 PM)

Valerie Opirari Endowed Lectureship – Dow Auditorium (4-5:00 PM)

4:00 *CYTOKINE SIGNALING RESTRAINS INFLAMMATORY BOWEL DISEASE DEVELOPMENT: THE BRIGHT SIDE OF CYTOKINE SIGNALING* ~ **D. Brent Polk, MD, AGAF**

Tuesday, May 14

Pediatric Grand Rounds Lecture – Dow Auditorium

8:00 *SHINING A LIGHT ON AN OLD PROBLEM: NEONATAL JAUNDICE*
~ **Alex Kemper, MD, MPH, MS**

Plenary Session – Dow Auditorium (9:00-10:00 AM)

9:00 *GLOBAL RNA SEQUENCING OF T CELLS AFTER HEMATOPOIETIC STEM CELL TRANSPLANT IDENTIFIES LINC00402 AS A NOVEL REGULATOR OF MOUSE AND HUMAN T CELL FUNCTION*
~ **Daniel Peltier, MD, PhD**

9:15 *COMMUNICATION ABOUT PROGNOSIS AND END-OF-LIFE IN PEDIATRIC ORGAN FAILURE AND TRANSPLANTATION*
~ **Melissa Cousino, PhD**

9:30 *OPIOID PRESCRIBING PATTERNS AND OPIOID OVERDOSE RISK IN ADOLESCENTS AND YOUNG ADULTS*
~ **Kao-Ping Chua, MD, PhD**

9:45 *ESTABLISHING A LEARNING HEALTH SYSTEM FOR CHILDHOOD OBESITY AT MICHIGAN MEDICINE*
~ **Joyce Lee, MD, MPH**

Awards Ceremony – Dow Auditorium (10:00 -10:30 AM)

Breakout Session 1: DEI in Research - Sheldon Auditorium (10:30 – 11:30 AM)

10:30-10:45 *TRENDS IN CORTICOSTEROID USAGE AMONG PEDIATRIC PATIENTS WITH INFLAMMATORY BOWEL DISEASE IN A LARGE LEARNING HEALTH SYSTEM*
- **Prashanthi Kandavel, MS, MD**

10:45-11:30 *PANEL ON DIVERSITY, EQUITY, AND INCLUSION IN RESEARCH*

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Breakout Session 2 – Dow Auditorium (10:30 – 11:30 AM)

- 10:30-10:45 *DECREASING EPINEPHRINE DOSING ERRORS DURING NEONATAL RESUSCITATION: A RANDOMIZED SIMULATION TRIAL*
~ Kate Brune, DO
- 10:45-11:00 *IMPACT OF DOCUMENTATION ON RESPIRATORY INTERVENTION AMONG NEWBORNS WITH CONGENITAL HEART DISEASE*
~ Ian Thomas, MD
- 11:00-11:15 *ELECTROGRAPHIC SEIZURES AND BRAIN INJURY IN CHILDREN ON EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)*
~ Robin Cook, MD, PhD
- 11:15-11:30 *IMPLEMENTATION OF A STANDARDIZED SEIZURE ACTION PLAN TO IMPROVE COMMUNICATION AND PARENTAL EDUCATION*
~ Kerri Neville, MD

Breakout Session 3 - Sheldon Auditorium (11:30 – 12:30 PM)

- 11:30-11:45 *SIMPLIFYING SOMATIZATION: REDUCING HEALTHCARE UTILIZATION WITH A CLINICAL PRACTICE GUIDELINE FOR PEDIATRIC SOMATIC SYMPTOM AND RELATED DISORDERS*
~ Edwin Klein, BS / Kristin Kullgren, PhD
- 11:45-12:00 *HIGH FAT DIET DURING LACTATION PROGRAMS OFFSPRING RISK FOR NAFLD AND INTESTINAL MICROBIOME AND THE IMPACT OF METFORMIN RESCUE*
~ Hannah Hafner, BS
- 12:00 -12:15 *RISK FACTORS FOR DEVELOPMENT AND PREVENTION OF PERIANAL FISTULAE IN PEDIATRIC CROHN'S DISEASE*
~ Andrew Singer, MD
- 12:15-12:30 *POTENTIAL MULTIFACTORIAL MECHANISMS FOR HORMONE-INDUCED VENOUS THROMBOEMBOLISM*
~ Xinge Yu, PhD

Breakout Session 4 - Dow Auditorium (11:30 - 12:30 PM)

- 11:30-11:45 *CONSERVED ROLES FOR CHD7 IN TRANSCRIPTIONAL ELONGATION OF GENES INVOLVED IN NEURAL CREST AND INNER EAR DEVELOPMENT*
~ Elaine Ritter, PhD
- 11:45-12:00 *QUALITATIVE ANALYSIS OF ADOLESCENTS' PERSPECTIVES ON TAILORED MESSAGES AND IMAGES*
~ Theresa Kowalski-Dobson, MPH
- 12:00-12:15 *NEW MEDICAL DEVICE PLACEMENT DURING PEDIATRIC SEVERE SEPSIS HOSPITALIZATION- A NATIONWIDE ESTIMATE*
~ Erin Carlton, MD