Monday, October 10

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

**Taubman Institute Visiting Professor Lecture – Dow Auditorium (4-5:00 PM)**

4:00 Interrogating the regenerative capacity of human beta cells in patients with type 1 diabetes.

~ Jake Kushner, MD

Tuesday, October 11

**Pediatric Grand Rounds Lecture – Dow Auditorium**

8:00 JAMA, Child Health, and Medical Journalism.

~ Howard Bauchner, MD

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

9:00 Clinically Integrated Sequencing in the Management of Children with High-Risk Brain Tumors.

~ Carl Koschmann, MD

9:15 Angiopoietin-2 and Von Willebrand Factor Propeptide are elevated in high-risk pediatric Septic Patients.

~ Erin Carlton, MD

9:30 Modeling Dravet Syndrome Caused by SCN1A Mutations Using Human Induced Pluripotent Stem Cells.

~ Louis Dang, MD, PhD

9:45 RORα-dependent Type 2 Innate Lymphoid Cells Are Required and Sufficient for Mucus Metaplasia in Immature Mice.

~ Rajput Charu, PhD

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

- Erin Carlton, MD Fellow Award for Clinical /Health Services Research
- Robert Cesaro, BBA Medical Student Award for Clinical / Health Services Research
- Louis Dang, MD, PhD Faculty Award for Basic Science Research Award
- Steven Grzegorski, BS Graduate Student Award for Basic Science Research
- Melanie Halsey Undergraduate Student Award for Clinical / Health Services Research
- Feras Hares, MS Medical Student Award for Basic Science Research
- Prashanthi Kandavel, MD Resident Award for Clinical / Health Services Research
- Carl Koschmann, MD Faculty Award for Clinical /Health Services Research
- Danny Luan Undergraduate Student Award for Basic Science Research
- Charu Rajput, PhD Fellow Award for Basic Science Research
- Jonathan Troost, PhD Staff Award for Clinical / Health Services Research
- Sergey Zolov, PhD Staff Award for Basic Science Research
**Breakout Session 1 - Sheldon Auditorium (10:30 – 11:45 AM)**

Moderators: Carl Koschmann, MD & Louis Dang, MD, PhD

10:30-10:45  *IFN-γ blocks development of an asthma phenotype in rhinovirus-infected baby mice by inhibiting ILC2s.*  
*~ Mingyuan Han, PhD*

10:45-11:00  *Environmental Conditions Influence the Expression of the Streptococcus pyogenes R28 Adhesin Promoting Vaginal Mucosal Carriage.*  
*~ Michael Watson, MD, PhD*

11:00-11:15  *Targeting of T cells to the AML-specific antigen CLL-1 as Anti-Leukemia Therapy.*  
*~ Sergey Zolov, PhD*

11:15-11:30  *Hyperoxic Exposure Alters the Environmental Conditions of Lung and Gut Microbiota in Newborn Mice.*  
*~ Antonia Popova, MD*

11:30-11:45  *Multi-disciplinary Pediatric End-of-Life Training Improves Staff Preparedness and Lessens Staff Distress.*  
*~ Melanie Halsey*

**Breakout Session 2 – Dow Auditorium (10:30 – 11:45 AM)**

Moderators: Rodney Daniels, MD, FAAP & Megan Pesch, MD, MS

10:30-10:45  *A Pilot Emergency Department (ED)-Based Intervention for Child Passenger Safety.*  
*~ Michelle Macy, MD, MS*

10:45-11:00  *Maternal Restriction and Child Food Intake: A Multilevel Lag Sequential Analysis of Maternal Restriction Type and Likelihood of Child Bites.*  
*~ Robert Cesaro, BBA*

11:00-11:15  *Evaluation of Social and Regional Determinants of Health Disparities and Their Effect on Risk Assessment Among Adolescent Youth.*  
*~ Yolaine Civil, MD*

11:15-11:30  *Coping Strategies and Challenges of Raising a Child with an ASD for Parents in the United States and the Arab World.*  
*~ Marwa Ayyash, BS, MS*

11:30-11:45  *A Clinical Outcome Assessment of Proteinuric in Patients with Focal Segmental Glomerulosclerosis.*  
*~ Jonathan Troost, PhD*

**Breakout Session 3 - Sheldon Auditorium (1:15 - 2:30 PM)**

Moderators: Naomi Laventhal, MD & Jenni Bermick, MD

1:15-1:30  *Impact of Weight Loss and Regain on Obese Adipose Tissue Physiology.*  
*~ Danny Luan*

1:30-1:45  *MCV/WBC Ratio as a Predictor of Response to Thiopurine Medications in Pediatric Patients with Inflammatory Bowel Disease.*  
*~ Prashanthi Kandavel, MD*

1:45-2:00  *Evaluating the Effects of Self-Reported Adherence and Feedback in Pediatrics with Type 1 Diabetes Mellitus.*  
*~ Blake Lancaster, PhD*

2:00-2:15  *Trends in vitamin D deficiency in a primary care pediatric population.*  
*~ David Hanauer, MD*

2:15-2:30  *Prevention of Perianal Fistula Complications Among Pediatric Patients with Crohn’s Disease.*  
*~ Jeremy Adler, MD, MSc*
PRELIMINARY PROGRAM - ORAL PRESENTATIONS

Breakout Session 4 - Dow Auditorium (1:15 - 2:30 PM)

Moderators: Challice Bonifant, MD, PhD & Kurt Schumacher, MD

1:15-1:30  Myocardial Oxidant Stress and Ventricular Dysfunction in an In Vivo Model of Cardiopulmonary Bypass with Cardioplegic Arrest.
~ Feras Hares, MS

1:30-1:45  Evaluation of Sildenafil Treatment Guidelines in Neonates with Pulmonary Artery Hypertension associated with Bronchopulmonary Dysplasia.
~ Parin Shah, PharmD

1:45-2:00  Exome sequencing in venous thromboembolic disease identifies mutation burden in PROS1, PROC, SERPINC1 and STAB2.
~ Karl Desch, MD

2:00-2:15  Multiple Thrombosis Modifier Loci Identified Through a Sensitized Mutagenesis Screen.
~ Steven Grzegorski, BS

2:15-2:30  Noise Pollution in a Pediatric Intensive Care Unit.
~ Jeffrey Weatherhead, MD