

 **Agenda** 

Friday, April 24

Sanford Children's/Mayo Clinic Educational Symposium

- 7 – 8 a.m. BREAKFAST AND TOURS OF SANFORD CHILDREN'S HOSPITAL**
*Breakfast served in the Schroeder Auditorium, 7 – 8 a.m.
Tours depart from the Schroeder Auditorium, 7 – 7:30 a.m.*
- 8 – 8:30 a.m. Welcome and Announcements**
*Leadership Team, Sanford Health
H. Eugene Hoyme, MD, Chief Medical Officer, Sanford Children's Hospital;
Professor and Chair, Department of Pediatrics, Sanford School of Medicine*
- 8:30 – 9:15 a.m. Biomedical Research and Health Care in the Genome Era**
Keynote Speaker: Alan E. Guttmacher, MD, Acting Director, National Human Genome Research Institute
- 9:15 – 10 a.m. Minimally Invasive Surgery in Children**
Jon Ryckman, MD, Assistant Professor, Division of Pediatric Surgical Specialties, Departments of Surgery and Pediatrics, Sanford School of Medicine and Sanford Children's Hospital
- 10 – 10:15 a.m. BREAK**
- 10:15 – 11 a.m. Disease-Modifying Therapies in Niemann-Pick Disease Type C: Of Mice and Men**
Marc C. Patterson, MD, Chair, Division of Child and Adolescent Neurology, Mayo Clinic
- 11 – 11:45 a.m. Approach to the Critically Ill Child**
Joseph Segeleon, MD, Associate Professor and Chief, Division of Pediatric Critical Care Medicine, Sanford School of Medicine and Sanford Children's Hospital
- 11:45 a.m. – Noon Morning Q&A**
- Noon – 1 p.m. LUNCH (Updates: Mayo Sanford Collaborative Research Grantees)**
- 1 – 1:45 p.m. Management of Childhood and Adolescent Obesity**
Seema Kumar, MD, Assistant Professor of Pediatrics, Division of Pediatric Endocrinology, Mayo Clinic
- 1:45 – 2:30 p.m. The Role of Genetic and Malformation Syndromes in Autism Spectrum Disorders**
*H. Eugene Hoyme, MD, Chief Medical Officer, Sanford Children's Hospital;
Professor and Chair, Department of Pediatrics, Sanford School of Medicine*
- 2:30 – 2:45 p.m. BREAK**
- 2:45 – 3:30 p.m. Pediatric Upper Extremity Injuries — Something New and Something Old**
Mark Mannenbach, MD, Assistant Professor of Pediatrics, Division of Pediatric Emergency Medicine, Mayo Clinic
- 3:30 – 4:15 p.m. Pediatric Oncology Cases from the Perspective of the Primary Care Provider: What to Look for and When to Refer**
Charles Peters, MD, FAAP, Chief, Division of Pediatric Hematology/Oncology, Sanford Children's Hospital
- 4:15 – 5 p.m. Gastroesophageal Reflux in Children**
Rayna Grothe, MD, Assistant Professor of Pediatrics, Division of Pediatric Gastroenterology, Mayo Clinic
- 5 – 5:15 p.m. Afternoon Q & A**

 **Agenda** 

Saturday, April 25

Sanford Children's Health Research Center Symposium

- 7 – 8:15 a.m. BREAKFAST AND TOURS OF SANFORD CHILDREN'S HOSPITAL**
*Breakfast served in the Schroeder Auditorium, 7 – 8:15 a.m.
Tours depart from the Schroeder Auditorium, 7 – 7:30 a.m.*
- 8:15 - 8:30 a.m. Welcome and Announcements**
H. Eugene Hoyme, MD, Chief Medical Officer, Sanford Children's Hospital; Professor and Chair, Department of Pediatrics, Sanford School of Medicine
- 8:30 – 9:15 a.m. Progress in the Search for a Cure for Type I Diabetes Mellitus**
Paul Burn, PhD, Senior Vice President of Research and Development, Juvenile Diabetes Research Foundation International
- 9:15 – 9:45 a.m. From the Bench to the Bedside: Studies on Juvenile Batten Disease**
David Pearce, PhD, Associate Professor of Biochemistry and Biophysics and of Neurology, the University of Rochester School of Medicine and Dentistry
- 9:45 – 10:15 a.m. BREAK**
- 10:15 – 10:45 a.m. Beta-Cell Regeneration: From Stem Cells to High-Throughput Screening**
Fred Levine, MD, PhD, Director of Sanford Children's Health Research Center, La Jolla Campus; Professor, Burnham Institute for Medical Research
- 10:45 – 11:15 a.m. Large Scale Data Mining of Complex Metabolic Profiles: Lessons Learned from Uncovering Past Oversights**
Piero Rinaldo, MD, PhD, T. Denny Sanford Professor of Pediatrics, Mayo Clinic
- 11:15 – 11:45 a.m. Myotonic Dystrophy Protein Kinase Function**
M. Benjamin Perryman, PhD, Vice President of Research, Sanford Health; Professor of Pediatrics and Internal Medicine, Sanford School of Medicine
- 11:45 a.m. – Noon Morning Q & A**
- Noon – 1 p.m. LUNCH**
From Mother's Womb to Single-Family Room: Examining the Nurturing Environment of the Boekelheide Neonatal Intensive Care Nursery
Luncheon Speaker: Dennis Stevens, MD, MS Professor of Pediatrics, Division of Neonatology Sanford School of Medicine and Sanford Children's Hospital
- 1 – 1:30 p.m. Human Milk Oligosaccharides: Only the Breast**
Lars Bode, PhD, Professor and Staff Scientist, Burnham Institute for Medical Research
- 1:30 – 2 p.m. The Importance of Early Diagnosis of Friedreich Ataxia and the Progress Towards a Newborn Screening Test**
Grazia Isaya, MD, PhD, Professor of Pediatrics and of Biochemistry and Molecular Biology, Mayo Clinic
- 2 – 2:30 p.m. Rhabdomyosarcoma: From Rods, Muscles and Flesh to Patients and Clinical Trials: Results of COG D9803**
Carola Arndt, MD, Professor of Pediatrics, Division of Pediatric Hematology/Oncology, Mayo Clinic
- 2:30 – 3 p.m. BREAK**
- 3 – 3:30 p.m. Probing Cardiac Morphology and Function Using the Fruit Fly as a Model System**
Takeshi Akasaka, MD, PhD, Postdoctoral Fellow, Burnham Institute for Medical Research
- 3:30 – 4 p.m. The 'Safe Passage' Study**
Amy Elliott, PhD, Director, Disparities Research Center, Sanford Research/USD, Assistant Professor and Associate Chair for Research, Department of Pediatrics, Sanford School of Medicine
- 4 – 4:15 p.m. Afternoon Q & A**