Pediatric Science Days 2015 Program
Saint Louis University Department of Pediatrics/Cardinal Glennon Children's Medical Center

Thursday, April 16
Research Symposium
Learning Resource Center (LRC)

7:30 AM Continental Breakfast

8:00 Welcome: Robert W. Wilmott, MD
IMMUNO Professor and Chair

Opening Remarks: Joyce M. Koenig, MD
Professor, Pediatrics and Molecular Microbiology & Immunology
Director, Pediatric Science Days 2014

PLATFORM SESSIONS

1. Outcomes I
   Moderator: Noah Hillman, MD
   (Neonatology)

   8:15 Level of Perinatal Care as a Predictor of Neonatal Survival in Placental Abruption. Justin B. Josephsen, Donna R. Halloran, Camelia Guild, and Marya Strand

   8:30 Protective Effect of Oleandric Acid on TPN induced Gut Atrophy. Alay Kumar Jain, Ik Jun, Victor Liou Joy Wen, Keith Bloomkamp, Monti Sharma, Sumit Arora, John Long, Jeff Techman

   8:45 Physicians and Physician Trainees Rarely Identify Or Address Overweight Obesity in Hospitalized Children. Marta King, Flory Nkoy, Chris Maloney, Nicole Mihalopoulos

   9:00 Futility of Prolonged Resuscitation with Low Heart Rate at Ten Minutes. Hayley Friedman, Marya Strand


2. Clinical & Basic Research
   Moderator: Adriana Montano, PhD
   (Medical Genetics)

   11:00 Suppression of liver histidine expression in response To exogenous Transferrin in Mice With Iron Deficiency Anemia Is Associated With Elevated Expression of Marrow Erythropoetin. Yihang Li, Ian D. Miller, Princy Prasad, Robert E. Fleming

   11:15 SalI-I-Nurd Regulates Renal Progenitor Cell Fate. Jeanine M Basta, Lynn Robbins, Maichan Rauchman

   11:30 Distending Pressure, without Volume Recruitment, did not Activate Acute Phase or Inflammatory Responses in the Lungs of Fetal, Preterm Lambs. Rebecca Y. Petersen, Matthew W. Kemp, Andres Noe, Alan H. Jobe, Noah H. Hillman

   11:45 Vitamin D Receptor Loss: A Key Player in the Pathology Of Hutchinson-Gilford Progeria Syndrome. Ray Kreienkamp, Martin Neumann, Susana Goncalo

12:00 PM Symposium Luncheon
   (Registrants only)


   12:45 Correlation of Acute Generalized Exanthematous Pustulosis and Hemolysis in Brown Recluse Spider Bites. Mujahida Baram, James Gerard, Anthony Scalzo

   1:00 Creating a 3D Model of Aortopulmonary Collaterals using Rotational Angiography for Preoperative Planning. John Bueiter, Saar Danan, Sridhar Condour, Nadeem Parkar, Wilson King

   1:15 BMP-2 Use in Alveolar Cleft Repair Results in Higher Rates Of Postoperative Nasal Stenosis. Jeremy A. Goss, Margie S. Hunter, Eric S. Armbrecht, Alexander Y. Lin

1:30 PM Coffee Break

3. Outcomes II
   Moderator: Donna Halloran, MD
   (General Academic Pediatrics)

   1:45 Associations of Family, Parent, and Child Psychological Factors With Post-Traumatic Growth And Burden In Pediatric Cancer. Zach Wilson, Joseph Cuming, William Ferguson, Donna Marin, Katherine Maxwell, Shermini Saini, John T. Chibnall

   2:00 Timing of Surfactant Administration Does Not Affect Death or Bpd in Premature Infants. Sharla Rent, Jeffrey Cooper, Marya Strand

   2:15 Very Low Birth weight Births In Missouri. 2010-2012: The Impact of Birth at a Level III Nicu on Neonatal Mortality. Pamela Xaverius, Louise Flick, Candice Woollolk, Nicole Ackermann, Beth Tobe

   2:30 Medicaid Expenditures for Children with Complex Healthcare needs: A Care Coordination Model Evaluation. Steven Howard, Zidong Zhang, Christine Buelt, Paula Buchanan, Eric Armbrecht, Samantha Ressler, Lindsey Pearson, Roy Lantry, Brittany Corley, Mathew Dietz

2:45 Do Mothers Who Use Drugs During Pregnancy Choose to Breastfeed? Elizabeth Rhyne, Donna R. Halloran, Leslie Hinyard

3:00 Factors Impacting Medication Adherence among Adolescents Post Kidney Transplant. Presenting Author: PI: Verna L. Hendricks-Ferguson, Team Members and Co-Author: Co-PI: Lisa McCleave, Co-PI: S. Paul Hmile


POSTERS
Facilitators: Robert Fleming, MD & Debrah Zand, PhD

1. NorUDCA Ameliorates Alpha-1 Anti-Trypsin Deficiency Disease By Activating Ampk-Autophagy Pathway. Youcai Tang, Keith Bliemkamp, Jeffrey Blankenburg, Mary Ottolini, Erik Black, Barrett Fromme

2. A New Functional Relationship Between Ras, Vitamin D/vdr Axis, And Dna Repair Factors During Senescence. Simona Graziano, Susana Gonzalo


5. Hypoferremia of Fasting in Mice Is Associated with Increased Hepatic and Decreased Fetal Hemoglobin. Yihang Li, Princy Prasad, Ian Miller, Robert E. Fleming


11. Improving Community-Acquired Pneumonia (ICAP): A Need to Optimize Care. Katherine Forrester, Lauren Hayes, Aline Tanios

12. Who Are Our Breastfeeding Mothers? Anne Marie Christensen, Elizabeth Rhyne, Donna R Halloran, Leslie Hinyard


14. Early Outcomes From A National Faculty Development Program For Pediatric Hospitalist Clinical Educators. Marta King, Michele Long, Nicole Paradise-Black, Jennifer Maniscalco, Becky Blankenburg, Mary Ottolini, Erik Black, Barrett Fromme

15. Incidence Of Hospital-Based Procedures In Infants With Trisomies 13 And 18: A 24-Year, Single-Center Review. Justin B. Josephsen, Catherine C Cubilusik

17. Who Are Our New Mothers? Corinne Becker, Elizabeth Rhine, Leslie Hinyard, Donna R Halloran

18. Do Mothers On Methadone During Pregnancy Choose To Breast Feed? Ashley Borawski, Elizabeth Rhine, Donna R Halloran, Leslie Hinyard

19. Gleevec Use To Treat Plexiform Neurofibromas In A Patient With Neurofibromatosis-1 And Cystic Fibrosis. Mary Dougherty, Nikhil Patel, Emily Kountzman, Lindsay Brefeld, Mohamed Abdel-Baki

20. Validity Of The Birth Certificate Record Based On Maternal Interview. John Fu, Donna Halloran


22. Prevalence Of Retinal Hemorrhages In Children Without Head Injuries Presenting with Long Bone Fractures And Concern For Abuse. Brian Payne, James Gerard, Timothy Kutz


25. Implementation Of A Feeding Protocol Decreases The Weight Percentile Reduction At Discharge In Vlbw Infants – A Quality Improvement Initiative. Catherine C Cubilskis

26. Assessment Of Medical Knowledge And Texting Preferences Following A Prolonged Educational Texting Program In A Pediatric Residency. Cadence Kuklinski, Lauren Draper, Amy Ladley, Gregory Adamson, Matt Broom

27. Resident Self-Assessment Caring For Children With Special Health Care Needs. Sherea Stricklin, Donna Halloran, Aline Tanios

28. A Twist And New Observation In A Case Of Persistent Neonatal Hyperuricosuria. Amol Purandare, Matthew Broom

29. Just Iron Deficiency Anemia? Amol Purandare, Marta King

30. The Girl Who Cried Spider. Margaret Rozier, Marta King

31. A, D, E, What? Arjun Sarin, Marta King


33. Severe Nutritional Rickets In 22 Month Old African American Toddler. Amy Lindley, Aline Tanios

34. A Twist And New Observation In A Case Of Persistent Neonatal Hyperuricosuria. Amol Purandare, Matthew Broom

35. Just Iron Deficiency Anemia? Amol Purandare, Marta King

36. The Girl Who Cried Spider. Margaret Rozier, Marta King

37. A, D, E, What? Arjun Sarin, Marta King

Congratulations to all Presenters and their Mentors!

Friday, April 17

7:30 AM
Breakfast
Danis Auditorium, CGCMC

8:00 AM
Grand Rounds
Danis Auditorium, CGCMC

Speaker: Rebecca A. Simmons, MD

10:00 AM
Academic Roundtable
Mund Conference Room, CGCMC

Moderated by: Rebecca A. Simmons, MD

We thank the following for their valued and continued support of Pediatric Science Days

Cardinal Glennon
Children's Medical Center
Kathleen Becker, President

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