Saint Louis University School of Medicine
Department of Pediatrics

April 26 – 27, 2018

D. Wade Clapp, MD
Richard L. Schreiner Professor and Chairman
Department of Pediatrics at Indiana University School of Medicine
Physician-in-Chief, Riley Hospital for Children
Professor of Pediatrics, Microbiology and Immunology
Indiana University School of Medicine
Pediatric Science Days 2018
Schedule of Events

Thursday, April 26, 2018
Time: 7:45 am – 5:00 pm
Event: Research Symposium
Location: SSM Health Cardinal Glennon Children’s Hospital, Danis Auditorium

Friday, April 27, 2018
Time: 7:30 am – 8:30 am
Event: Special Interdepartmental Grand Rounds
  - Internal Medicine and Pediatrics
    Identification of Molecular Targets to Treat Plexiform Neurofibromas
    Presented by Guest Speaker
    D. Wade Clapp, MD
    - Richard L. Schreiner Professor and Chairman
      Department of Pediatrics at Indiana University School of Medicine
    - Physician-in-Chief for Riley Hospital for Children
    - Professor of Pediatrics, Microbiology and Immunology
      Indiana University School of Medicine
Location: Saint Louis University School of Medicine, Learning Resource Center, Pitlyk Auditorium A

Friday, April 27, 2018
Time: 9:00 am – 10:30 am
Event: Academic Roundtable for Early Career Investigators and Trainees
Location: SSM Health Cardinal Glennon Children’s Hospital, Mund Conference Room (by registration only)
PEDIATRIC SCIENCE DAYS 2018
Research Symposium

SSM Health Cardinal Glennon Children's Hospital – Danis Auditorium

Thursday, April 26, 2018

7:30  Breakfast

7:45  Welcome
Robert W. Wilmott, MD
Professor and Vice Dean of Medical Affairs
Saint Louis University School of Medicine

Opening Remarks
Kenneth Olliff
Vice President for Research

Introduction
Joyce Koenig, MD
Professor, Pediatrics, Molecular Microbiology & Immunology;
Director, Pediatric Science Days

PLATFORM SESSIONS

8:00  Zand D, Pierce K, Newton J, McNamara D, Lanning N, Jaschek C, Sallee H, Heaney M S. Readiness to change as a predictor of positive parenting outcomes in primary care pediatric settings. (Pediatrics, General Academic Pediatrics)

8:15  Liburd K, Halloran D. Maternal safe sleep beliefs. (Pediatrics, General Academic Pediatrics)

8:30  McLaughlin A, Geller T, Prakash V. Correlation between depression and functional disability due to pain, and assessment of their prevalence in children with neurofibromatosis type 1. (Neurology)


<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:30</td>
<td>Bourdillon M., Mogalapalli A., Haynes S., Dolatshahi L.</td>
<td>Cardiovascular Abnormalities and determinant factors in children with sickle cell disease.</td>
<td>(Pediatrics, Hematology/Oncology)</td>
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<td>10:00 – 10:15</td>
<td>Morning Break</td>
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<td>10:30</td>
<td>Buchanan C., Okafor E., Gross G., Vogler C., McQuillan J., Koenig J.</td>
<td>Mother-baby pairs of preterm gestations with histologic chorioamnionitis exhibit enhanced Th17 and gamma delta t cell profiles.</td>
<td>(Pediatrics, Obstetrics &amp; Gynecology, Pathology)</td>
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<td>11:00</td>
<td>Kothe B., Royse E., Kemp M., Salomone F., Musk G., Schmidt A., Jobe A., Hillman N.</td>
<td>Surfactant plus budesonide rapidly decreases lung and systemic responses to injurious ventilation in preterm sheep.</td>
<td>(Pediatrics, Neonatal-Perinatal Medicine)</td>
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<td>12:15 – 1:00</td>
<td>Lunch Break</td>
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<td>1:00</td>
<td>Flanagan M., Gan Q., Vartanyan A., Srigiri M., Guzmán M., Wang R., Montaño A.</td>
<td>Assessment of heart function in morquio a mice.</td>
<td>(Pediatrics, Medical Genetics)</td>
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<td>Time</td>
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<td>1:30</td>
<td>Harnessing the wisdom of the crowd: crowdsourcing demonstrates lip angle more influential than scar level in lay assessment of cleft lip repair aesthetics.</td>
<td>Sescleifer A, Osborn T, Rector J, Lin A.</td>
<td>Surgery, Plastic Surgery</td>
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<tr>
<td>1:45</td>
<td>A biomarker predictive of the development of portal hypertension in children with Alpha-1-AT deficiency.</td>
<td>Teckman J, Buchanan P, Lomas D.</td>
<td>Pediatrics, Gastroenterology</td>
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**POSTER SESSION**


3. Gruenkemeyer K, Belsha C, Wood E, Beck A. Successful use of hizentra to address BK viremia in pediatric transplant population k. (Pediatrics, Pediatric Nephrology)


5. Buehler J, Scalzo A, Meyer C. Dermonecrotic lesion and systemic loxoscelism in a liver transplant patient of immunosuppression. (Pediatrics, Toxicology, Gastroenterology)


11. Mani D, Wathen D. Constipation as a symptom, not a diagnosis. (Pediatrics)
13. Powell S, Teckman J, Becker B. Eating disorders are prominent among the comorbidities of eosinophilic esophagitis in a us Midwestern children’s hospital. (Pediatrics, Allergy and Immunology, Gastroenterology)
17. Sabic D, Heller, K. Status dystonicus leading to rhabdomyolysis and acute renal injury. (Pediatrics)
22. Vashi H. Weak foot on the gas (group a streptococcus). (Pediatrics)
23. Vashi H. It’s just a pet. Oh rats! (Pediatrics)
24. Wilson-Flewelling S, Farmakis, S. Does contrast-enhanced magnetic resonance imaging leave behind gadolinium deposits within the tissue of pediatric patients? (Pediatric Radiology)