

1. Abid S, Xie S, Bose M, **Shaul PW**, et al. [17 \$\beta\$ -Estradiol Dysregulates Innate Immune Responses to *Pseudomonas aeruginosa* Respiratory Infection and Is Modulated by Estrogen Receptor Antagonism](#). *Infect Immun* 2017 Sep 20;85(10) PMID: 28784925
2. Acosta A, Streett S, Kroh MD, Cheskin LJ, Saunders KH, Kurian M, Schofield M, **Barlow SE**, et al. [White Paper AGA: POWER - Practice Guide on Obesity and Weight Management, Education, and Resources](#). *Clin Gastroenterol Hepatol* 2017;15:631-49 e10. PMID: 28242319
3. **Adams RC**, Levy SE, Council On Children with Disabilities. [Shared Decision-Making and Children With Disabilities: Pathways to Consensus](#). *Pediatrics* 2017; Jun; 139(6). PMID: 28562298
4. Adhikari EH, Nelson DB, **Johnson KA**, et al. [Infant outcomes among women with Zika virus infection during pregnancy: results of a large prenatal Zika screening program](#). *Am J Obstet Gynecol* 2017;216:292 e1- e8. PMID: 28153665
5. Agathocleous M, Meacham CE, Burgess RJ, Piskounova E, Zhao Z, Crane GM, Cowin BL, Bruner E, Murphy MM, Chen W, Spangrude GJ, Hu Z, **DeBerardinis RJ**, Morrison SJ. [Ascorbate regulates haematopoietic stem cell function and leukaemogenesis](#). *Nature* 2017 Sep 28;549(7673):476-481. PMID: 28825709
6. Aggarwal R, Rider LG, Ruperto N, et al, International Myositis Assessment and Clinical Studies Group and the Paediatric Rheumatology International Trials Organization (**Punaro M**). [2016 American College of Rheumatology/European League Against Rheumatism Criteria for Minimal, Moderate, and Major Clinical Response in Adult Dermatomyositis and Polymyositis: An International Myositis Assessment and Clinical Studies Group/Paediatric Rheumatology International Trials Organisation Collaborative Initiative](#). *Arthritis Rheumatol* 2017;69:898-910. PMID: 28382787
7. Agus MS, Hirshberg E, Srinivasan V, Faustino EV, **Luckett PM**, et al. [Design and rationale of Heart and Lung Failure - Pediatric Insulin Titration Trial \(HALF-PINT\): A randomized clinical trial of tight glycemic control in hyperglycemic critically ill children](#). *Contemp Clin Trials* 2017;53:178-87. PMID: 28042054
8. Agus MS, Wypij D, Hirshberg EL, Srinivasan V, Faustino EV, **Luckett PM**, et al. [Tight Glycemic Control in Critically Ill Children](#). *N Engl J Med* 2017;376:729-41. PMID: 28118549
9. Akula M, Kulikova A, **Khan DA**, Brown ES. [The relationship between asthma and depression in a community-based sample](#). *J Asthma*. 2018 Jan 16:1-7. PMID: 29336633
10. Alber M, Kalscheuer VM, Marco E, Sherr E, Lesca G, Till M, Gradek G, Wiesener A, Korenke C, Mercier S, Becker F, Yamamoto T, Scherer SW, Marshall CR, Walker S, Dutta UR, Dalal AB, Suckow V, Jamali P, Kahrizi K, Najmabadi H, **Minassian BA**. [ARHGEF9 disease: Phenotype clarification and genotype-phenotype correlation](#). *Neurol Genet* 2017;3:e148. PMID: 28589176
11. Allen CE, **Laetsch TW**, Mody R, Irwin, MS, Lim, MS, Adamson PC, Seibel NL, Parsons DW, Cho YJ, Janeway K, **Amatruda J**, et al. [Target and Agent Prioritization for the Children's Oncology Group-National Cancer Institute Pediatric MATCH Trial](#). *J Natl Cancer Inst* 2017;109. PMID: 28376230
12. Andrade DM, Bassett AS, Bercovici E, Borlot F, Bui E, Camfield P, Clozza GQ, Cohen E, Gofine T, Graves L, Greenaway J, Guttman B, Guttman-Slater M, Hassan A, Henze M, Kaufman M, Lawless B, Lee H, Lindzon L, Lomax LB, McAndrews MP, Menna-Dack D, **Minassian BA**, et al. [Epilepsy: Transition from pediatric to adult care. Recommendations of the Ontario epilepsy implementation task force](#). *Epilepsia* 2017;58:1502-17. PMID: 28681381
13. Anton-Martin P, Journeycake J, Modem V, Golla S, **Raman L**, Tweed J, **Darnell-Bowens C**. [Coagulation Profile Is Not a Predictor of Acute Cerebrovascular Events in Pediatric Extracorporeal Membrane Oxygenation Patients](#). *ASAIO J* 2017 Nov/Dec;63(6):793-801. PMID: 28678046
14. Anton-Martin P, **Raman L**, Thatte N, Tweed J, Modem V, Journeycake J. [Pre-ECMO coagulopathy does not increase the occurrence of hemorrhage during extracorporeal support](#). *Int J Artif Organs* 2017;40:250-5. PMID: 28430304

15. **Aqul A**, Jonas MM, Harney S, et al. [Correlation of Transient Elastography With Severity of Cystic Fibrosis-related Liver Disease](#). *J Pediatr Gastroenterol Nutr* 2017;64:505-11. PMID: 27782957
16. Aravamuthan BR, **Waugh JL**, Stone SS. [Deep brain stimulation for monogenic dystonia](#). *Curr Opin Pediatr* 2017 Dec;29(6):691-696. PMID: 28906342
17. Aronson PL, Lyons TW, Cruz AT, Freedman SB, **Okada PJ**, et al. [Impact of Enteroviral Polymerase Chain Reaction Testing on Length of Stay for Infants 60 Days Old or Younger](#). *J Pediatr* 2017 Oct; 189:169-174.e2. PMID: 28705656
18. Atz AM, Zak V, **Mahony L**, et al. [Longitudinal Outcomes of Patients With Single Ventricle After the Fontan Procedure](#). *J Am Coll Cardiol* 2017;69:2735-44. PMID: 28571639
19. Auger KA, Teufel RJ, 2nd, Harris JM, 2nd, Gay JC, Del Beccaro MA, Neuman MI, Tejedor-Sojo J, Agrawal RK, **Morse RB**, et al. [Children's Hospital Characteristics and Readmission Metrics](#). *Pediatrics* 2017;139. PMID: 28123044
20. Bacha F, Tomsa A, Bartz SK, **Barlow SE**, Chu ZD, Krishnamurthy R, Krishnamurthy R, Smith EO. [Nonalcoholic Fatty Liver Disease in Hispanic Youth With Dysglycemia: Risk for Subclinical Atherosclerosis?](#) *J Endocr Soc*. 2017 Jun 27;1(8):1029-1040. PMID: 29264555
21. **Badawy MK**, Dayan PS, Tunik MG, et al. [Prevalence of Brain Injuries and Recurrence of Seizures in Children With Posttraumatic Seizures](#). *Acad Emerg Med* 2017;24:595-605. PMID: 28170143
22. Badawy SM, Rossoff J, **Yallapragada S**, Liem RI, Sharathkumar AA. [Successful medical management of a neonate with spontaneous splenic rupture and severe hemophilia A](#). *Hematol Oncol Stem Cell Ther* 2017;10:29-32. PMID: 27178624
23. Balis FM, Womer RB, Berg S, **Winick N**, et al. [Dosing anticancer drugs in infants: Current approach and recommendations from the Children's Oncology Group's Chemotherapy Standardization Task Force](#). *Pediatr Blood Cancer* 2017 Nov;64(11) PMID: 28509433
24. Banning A, König JF, **Gray SJ**, Tikkanen R. [Functional Analysis of the Ser149/Thr149 Variants of Human Aspartylglucosaminidase and Optimization of the Coding Sequence for Protein Production](#). *Int J Mol Sci* 2017 Mar 26;18(4). PMID: 28346360
25. Barbaro RP, Paden ML, Guner YS, **Raman L**, et al. [Pediatric Extracorporeal Life Support Organization Registry International Report 2016](#). *ASAIO J* 2017 Jul/Aug;63(4):456-463 PMID: 28557863
26. **Barlow SE, Turer CB**. [Lipid Screening and Treatment Practices Conflict With Conflicting Recommendations: Where Do We Go From Here?](#) *J Pediatr* 2017 Jun; 185:16-18. PMID: 28284479
27. Barlow SE, Butte NF, Hoelscher DM, Salahuddin M, Pont SJ. [Strategies to Recruit a Diverse Low-Income Population to Child Weight Management Programs From Primary Care Practices](#). *Prev Chronic Dis*. 2017 Dec 21;14:E138. PMID: 29267156
28. **Baum M**. [Inherited disorders of tubular transport](#). *Curr Opin Pediatr* 2017;29:165-7. PMID: 28092283
29. Beg MS, Huang X, Silvers MA, Gerber DE, Bolluyt J, Sarode V, Fattah F, **DeBerardinis RJ**, et al. [Using a novel NQO1 bioactivatable drug, beta-lapachone \(ARQ761\), to enhance chemotherapeutic effects by metabolic modulation in pancreatic cancer](#). *J Surg Oncol* Jul;116(1):83-88. PMID: 28346693
30. Berry JG, Rodean J, Hall M, Alpern ER, Aronson PL, Freedman SB, Brousseau DC, Shah SS, Simon HK, Cohen E, Marin JR, **Morse RB**, et al. [Impact of Chronic Conditions on Emergency Department Visits of Children Using Medicaid](#). *J Pediatr* 2017;182:267-74. PMID: 27979584
31. Berry J, Wilson K, Dumas H, Simpser E, O'Brien J, Whitford K, May R, **Mittal V**, et al. [Use of Post-Acute Facility Care in Children Hospitalized With Acute Respiratory Illness](#). *J Hosp Med* 2017;12:626-31. PMID: 28786428

32. Beukelman T, Kimura Y, Ilowite NT, et al, CARRA Registry Investigators (**Punaro M**). [The new Childhood Arthritis and Rheumatology Research Alliance \(CARRA\) registry: design, rationale, and characteristics of patients enrolled in the first 12 months.](#) *Pediatr Rheumatol Online J* 2017;15:30. PMID: 28416023
33. Bhattarai P, **Zia A**, Forbess JM, Guleserian KJ, **Hupp SR**, Pirolli T. [Use of a Modified Classic BT Shunt in a Patient With Multiple Conduit Obstructions With Positive Lupus Anticoagulant.](#) *World J Pediatr Congenit Heart Surg* 2017;2150135116688180. PMID: 28421915
34. Bingemann T, **Khan DA**, Markovics S, Weinstein AG, Sharma HP. [Feeling Burned Out? Half of Us Are: The Urgent Need to Address Provider Health and Wellness in Allergy and Immunology.](#) *J Allergy Clin Immunol Pract.* 2017 Nov - Dec;5(6):1549-1550. PMID: 29122154
35. **Bird JA**, Groetch M, Allen KJ, et al. [Conducting an Oral Food Challenge to Peanut in an Infant.](#) *J Allergy Clin Immunol Pract.* 2017 Mar - Apr;5(2):301-311.e1. PMID: 27838326
36. Blotte C, Styers J, Zhu H, **Channabasappa N**, Piper HG. [A comparison of Broviac\(R\) and peripherally inserted central catheters in children with intestinal failure.](#) *J Pediatr Surg* 2017;52:768-71. PMID: 28168988
37. Boghossian NS, Do BT, Bell EF, Dagle JM, Brumbaugh JE, Stoll BJ, Vohr BR, Das A, Shankaran S, Sanchez PJ, **Wyckoff MH**, et al. [Efficacy of pharmacologic closure of patent ductus arteriosus in small-for-gestational-age extremely preterm infants.](#) *Early Hum Dev* 2017;113:10-7. PMID: 28697406
38. **Bowers DC**, Moskowitz CS, Chou JF, et al. [Morbidity and Mortality Associated With Meningioma After Cranial Radiotherapy: A Report From the Childhood Cancer Survivor Study.](#) *J Clin Oncol* 2017;35:1570-6. PMID: 28339329
39. Boyle B, Collins MH, Wang Z, Mack D, Griffiths A, Sauer C, Markowitz J, LeLeiko N, Keljo D, Rosh J, Baker SS, Pfefferkorn M, Heyman M, **Patel A**, et al. [Histologic Correlates of Clinical and Endoscopic Severity in Children Newly Diagnosed With Ulcerative Colitis.](#) *Am J Surg Pathol* 2017 Nov;41(11):1491-1498. PMID: 28863076
40. Brant SR, Okou DT, Simpson CL, Cutler DJ, Haritunians T, Bradfield JP, Chopra P, Prince J, Begum F, Kumar A, Venkateswaran S, Datta LW, Wei Z, Thomas K, Herrinton LJ, Klapproth JA, Quiros AJ, Seminerio J, Liu Z, Alexander JS, Baldassano RN, Dudley-Brown S, Cross RK, Dassopoulos T, Denson LA, Dhere TA, Dryden GW, Hanson JS, Hou JK, Hussain SZ, Hyams JS, Isaacs KL, Kader H, Kappelman MD, Katz J, Kellermayer R, Kirschner BS, Kuemmerle JF, Kwon JH, Lazarev M, Li E, Mack D, Mannon P, Moulton DE, Newberry RD, Osuntokun BO, **Patel AS**, et al. [Genome-Wide Association Study Identifies African-Specific Susceptibility Loci in African Americans With Inflammatory Bowel Disease.](#) *Gastroenterology* 2017;152:206-17 e2. PMID: 27693347
41. Bratis K, Hachmann P, Child N, Krasemann T, **Hussain T**, Mavrogeni S, Botnar R, Razavi R, **Greil G**. [Cardiac magnetic resonance feature tracking in Kawasaki disease convalescence.](#) *Ann Pediatr Cardiol* 2017;10:18-25. PMID: 28163424
42. Braun DA, Rao J, Mollet G, Schapiro D, Daugeron MC, Tan W, Gribouval O, Boyer O, Revy P, Jobst-Schwan T, Schmidt JM, Lawson JA, Schanze D, Ashraf S, Ullmann JFP, Hoogstraten CA, Boddaert N, Collinet B, Martin G, Liger D, Lovric S, Furlano M, Guerrero IC, Sanchez-Ferras O, Hu JF, Boschat AC, Sanquer S, Menten B, Vergult S, De Rocker N, Airik M, Hermle T, Shril S, Widmeier E, Gee HY, Choi WI, Sadowski CE, Pabst WL, Warejko JK, Daga A, Basta T, Matejas V, Scharmann K, Kienast SD, Behnam B, Beeson B, Begtrup A, Bruce M, Ch'ng GS, Lin SP, Chang JH, Chen CH, Cho MT, Gaffney PM, Gipson PE, Hsu CH, Kari JA, Ke YY, Kiraly-Borri C, Lai WM, Lemyre E, Littlejohn RO, Masri A, Moghtaderi M, Nakamura K, Ozaltin F, Praet M, Prasad C, Prytula A, Roeder ER, Rump P, Schnur RE, Shiihara T, Sinha MD, Soliman NA, Soulami K, Sweetser DA, Tsai WH, Tsai JD, Topaloglu R, Vester U, Viskochil DH, Vatanavicharn N, Waxler JL, Wierenga KJ, **Wolf MTF**, et al. [Mutations in KEOPS-complex genes cause nephrotic syndrome with primary microcephaly.](#) *Nat Genet* 2017 Oct;49(10): 1529-1538 PMID: 28805828
43. Brown KR, Krouse RZ, Calatroni A, Visness CM, Sivaprasad U, Kercksmar CM, Matsui EC, West JB, Makhija MM, **Gill MA**, et al. [Endotypes of difficult-to-control asthma in inner-city African American children.](#) *PLoS One.* 2017 Jul 7;12(7):e0180778 PMID: 28686637

44. Brüggemann N, Rosales RL, **Waugh JL**, Blood AJ, Domingo A, Heldmann M, Jamora RD, Münchau A, Münte TF, Lee LV, Buchmann I, Klein C. [Striatal dysfunction in X-linked dystonia-parkinsonism is associated with disease progression](#). *Eur J Neurol* 2017 May;24(5):680-686. PMID: 28236370
45. Burke MJ, Devidas M, Maloney K, Angiolillo A, Schore R, Dunsmore K, Larsen E, Mattano LA Jr, Salzer W, Winter SS, Carroll W, **Winick NJ**, et al. [Severe pegaspargase hypersensitivity reaction rates \(grade \$\geq 3\$ \) with intravenous infusion vs. intramuscular injection: analysis of 54,280 doses administered to 16,534 patients on children's oncology group \(COG\) clinical trials](#). *Leuk Lymphoma* 2017 Nov 8:1-10. PMID: 29115886
46. Burkhardt BE, Velasco Forte MN, Durairaj S, Rafiq I, Valverde I, **Tandon A**, Simpson J, **Hussain T**. [Timely Pulmonary Valve Replacement May Allow Preservation of Left Ventricular Circumferential Strain in Patients with Tetralogy of Fallot](#). *Front Pediatr* 2017;5:39. PMID: 28293551
47. Butte NF, Hoelscher DM, **Barlow SE**, et al. [Efficacy of a Community- Versus Primary Care-Centered Program for Childhood Obesity: TX CORD RCT](#). *Obesity (Silver Spring)* 2017;25:1584-93. PMID: 28703504
48. **Butts R**, Davis M, Savage A, et al. [Effect of Induction Therapy on Graft Survival in Primary Pediatric Heart Transplantation: A Propensity Score Analysis of the UNOS Database](#). *Transplantation* 2017;101:1228-33. PMID: 27362312
49. **Butts RJ**, Boyle GJ, Deshpande SR, et al. [Characteristics of Clinically Diagnosed Pediatric Myocarditis in a Contemporary Multi-Center Cohort](#). *Pediatr Cardiol* 2017 Aug;38(6):1175-1182. PMID: 28536746
50. Buyse GM, Voit T, Schara U, Straathof CS, D'Angelo MG, Bernert G, Cuisset JM, Finkel RS, Goemans N, Rummey C, Leinonen M, Mayer OH, Spagnolo P, Meier T, McDonald CM; DELOS Study Group (**Iannaccone S**). [Treatment effect of idebenone on inspiratory function in patients with Duchenne muscular dystrophy](#). *Pediatr Pulmonol*. 2017 Apr;52(4):508-515. PubMed PMID: 27571420.
51. Cai L, Li Q, Du Y, Yun J, Xie Y, **DeBerardinis RJ**, Xiao G. [Genomic regression analysis of coordinated expression](#). *Nat Commun* 2017 Dec 19;8(1):2187. PMID: 29259170
52. Campbell BB, Light N, Fabrizio D, Zatzman M, Fuligni F, de Borja R, Davidson S, Edwards M, Elvin JA, Hodel KP, Zahurancik WJ, Suo Z, Lipman T, Wimmer K, Kratz CP, **Bowers DC**, **Laetsch TW**, et al. [Comprehensive Analysis of Hypermutation in Human Cancer](#). *Cell* 2017 Nov 16;171(5):1042-1056.e10. PMID: 29056344
53. Cao M, He Y, Dai Z, Liao X, Jeon T, Ouyang M, **Chalak L**, Bi Y, Rollins N, et al. [Early Development of Functional Network Segregation Revealed by Connectomic Analysis of the Preterm Human Brain](#). *Cereb Cortex* 2017;27:1949-63. PMID: 26941380
54. Carlson SM, Kim J, **Khan DA**, et al. [Hippocampal volume in patients with asthma: Results from the Dallas Heart Study](#). *J Asthma*. 2017 Jan 2;54(1):9-16. PMID: 27187077
55. Catalozzi M, de Roche AM, Hu MC, Breitkopf CR, Chang J, Ipp LS, **Francis JKR**, et al. [Adolescent and Parent Willingness to Participate in Microbicide Safety Studies](#). *J Pediatr Adolesc Gynecol* 2017;30:82-7. PMID: 27381236
56. **Chalak LF**, Tian F, Adams-Huet B, et al. [Novel Wavelet Real Time Analysis of Neurovascular Coupling in Neonatal Encephalopathy](#). *Sci Rep* 2017;7:45958. PMID: 28393884
57. **Chalak LF**, Zhang R. [New Wavelet Neurovascular Bundle for Bedside Evaluation of Cerebral Autoregulation and Neurovascular Coupling in Newborns with Hypoxic-Ischemic Encephalopathy](#). *Dev Neurosci* 2017;39(1-4):89-96. PMID: 28355608
58. Chawla S, Natarajan G, Shankaran S, Carper B, **Brion L**, et al. [Markers of Successful Extubation in Extremely Preterm Infants, and Morbidity After Failed Extubation](#). *J Pediatr* 2017 Oct;189:113-119.e2. PMID: 28600154

59. Chen JR, Khan DA. [Evaluation of Penicillin Allergy in the Hospitalized Patient: Opportunities for Antimicrobial Stewardship](#). *Curr Allergy Asthma Rep*. 2017 Jun;17(6):40. PMID: 28540641
60. Chen JR, Tarver SA, Alvarez KS, Tran T, Khan DA. [A Proactive Approach to Penicillin Allergy Testing in Hospitalized Patients](#). *J Allergy Clin Immunol Pract*. 2017 May - Jun;5(3):686-693. PMID: 27888034
61. Cheshkov S, Dimitrov IE, Jakkamsetti V, Good L, Kelly D, Rajasekaran K, DeBerardinis RJ, Pascual JM, et al. [Oxidation of \[U-13 C\]glucose in the human brain at 7T under steady state conditions](#). *Magn Reson Med* 2017 Dec;78(6):2065-2071. PMID: 28112825
62. Chkheidze R, Burns DK, White CL, Castro D, Fuller J, Cai C. [Morin Stain Detects Aluminum-Containing Macrophages in Macrophagic Myofasciitis and Vaccination Granuloma With High Sensitivity and Specificity](#). *J Neuropathol Exp Neurol* 2017;76:323-31. PMID: 28340105
63. Chowdhury SM, Butts RJ, Hlavacek AM, Taylor CL, Chessa KS, Bandisode VM, Shirali GS, Nutting A, Baker GH. [Echocardiographic Detection of Increased Ventricular Diastolic Stiffness in Pediatric Heart Transplant Recipients: A Pilot Study](#). *J Am Soc Echocardiogr*. 2017 Dec 12. pii: S0894-7317(17)30818-0. PMID: 29246510
64. Cooke AG, McCavit TL, Buchanan GR, Powers JM. [Iron Deficiency Anemia in Adolescents Who Present with Heavy Menstrual Bleeding](#). *J Pediatr Adolesc Gynecol* 2017;30:247-50. PMID: 27789349
65. Dad R, Malik U, Javed A, Minassian BA, Hassan MJ. [Structural annotation of Beta-1,4-N-acetyl galactosaminyltransferase 1 \(B4GALNT1\) causing Hereditary Spastic Paraplegia 26](#). *Gene* 2017 Aug 30;626:258-263. PMID: 28536081
66. Dad R, Walker S, Scherer SW, Hassan MJ, Alghamdi MD, Minassian BA, et al. [Febrile ataxia and myokymia broaden the SPG26 hereditary spastic paraplegia phenotype](#). *Neurol Genet* 2017;3:e156. PMID: 28626794
67. Dad R, Walker S, Scherer SW, Hassan MJ, Kang SY, Minassian BA. [Hyperventilation-athetosis in ASXL3 deficiency \(Bainbridge-Ropers\) syndrome](#). *Neurol Genet* 2017 Sep 22;3(5):e189. PMID: 28955728
68. Dai H, Zhang VW, El-Hattab AW, Ficocioglu C, Shinawi M, Lines M, Schulze A, McNutt M, Gotway G, et al. [FBXL4 defects are common in patients with congenital lactic acidemia and encephalomyopathic mitochondrial DNA depletion syndrome](#). *Clin Genet* 2017;91:634-9. PMID: 27743463
69. Das B, Dimas V, Guleserian K, et al. [Alemtuzumab \(Campath-1H\) therapy for refractory rejections in pediatric heart transplant recipients](#). *Pediatr Transplant* 2017;21. PMID: 27862703
70. Das BB, Munoz FM. [Screening for chromosomally integrated human herpesvirus 6 status in solid-organ donors and recipients](#). *J Heart Lung Transplant* 2017;36:481. PMID: 28162933
71. Day LM, Wang SX, Huang CJ. [Nonmydriatic Fundoscopic Imaging Using the Pan Optic iExaminer System in the Pediatric Emergency Department](#). *Acad Emerg Med* 2017;24:587-94. PMID: 27801997
72. de la Morena MT, Leonard D, Torgerson TR, Cabral-Marques O, Slatter M, Aghamohammadi A, Chandra S, Murguía-Favela L, Bonilla FA, Kanariou M, Damrongwatanasuk R, Kuo CY, Dvorak CC, Meyts I, Chen K, Kobrynski L, Kapoor N, Richter D, DiGiovanni D, Dhalla F, Farmaki E, Speckmann C, Español T, Shcherbina A, Hanson IC, Litzman J, Routes JM, Wong M, Fuleihan R, Seneviratne SL, Small TN, Janda A, Bezrodnik L, Seger R, Raccio AG, Edgar JD, Chou J, Abbott JK, van Montfrans J, González-Granado LI, Bunin N, Kutukculer N, Gray P, Seminario G, Pasic S, Aquino V, Wysocki C, et al. [Long-term outcomes of 176 patients with X-linked hyper-IgM syndrome treated with or without hematopoietic cell transplantation](#). *J Allergy Clin Immunol*. 2017 Apr;139(4):1282-1292. PMID: 27697500

73. de Las Nieves Velasco Forte M, Byrne N, Valverde Perez I, Bell A, Gomez-Ciriza G, Krasemann T, Sievert H, Simpson J, Pushparajah K, Razavi R, Qureshi S, **Hussain T**. [3D Printed Models in Patients with Coronary Artery Fistulae: Anatomical Assessment and Interventional Planning](#). *EuroIntervention* 2017 Oct 13;13(9):e1080-e1083. PMID: 28555593
74. de Rooij JD, **Branstetter C**, Ma J, et al. [Pediatric non-Down syndrome acute megakaryoblastic leukemia is characterized by distinct genomic subsets with varying outcomes](#). *Nat Genet* 2017;49:451-6. PMID: 28112737
75. DeVries LB, **Heyne RJ, Ramaciotti C**, Brown LS, **Jaleel MA, Kapadia VS**, Burchfield PJ, **Brion LP**. [Mortality among infants with evolving bronchopulmonary dysplasia increases with major surgery and with pulmonary hypertension](#). *J Perinatol* 2017 Sep;37(9):1043-1046. PMID: 28617427
76. DeVries LB, **Heyne RJ, Ramaciotti C**, Brown LS, **Jaleel MA, Kapadia VS**, Burchfield PJ, **Brion LP**. [Mortality among infants with evolving bronchopulmonary dysplasia increases with major surgery and with pulmonary hypertension](#). *J Perinatol* 2017 Sep;37(9):1043-1046. PMID: 28617427
77. Di Fiore JM, Martin RJ, Li H, et al, SUPPORT Study Group of the Eunice Kennedy Shriver National Institute of Child Health, and Human Development Neonatal Research Network (**Rosenfeld CR**). [Patterns of Oxygenation, Mortality, and Growth Status in the Surfactant Positive Pressure and Oxygen Trial Cohort](#). *J Pediatr* 2017 Jul;186:49-56.e1. PMID: 28279433
78. **Dimas VV**, Morray BH, Kim DW, et al. [A multicenter study of the impella device for mechanical support of the systemic circulation in pediatric and adolescent patients](#). *Catheter Cardiovasc Interv* 2017 Jul;90(1):124-129. PMID: 28295963
79. Dlamini N, **Hsiang MS**, Ntshalintshali N, et al. [Low-Quality Housing Is Associated With Increased Risk of Malaria Infection: A National Population-Based Study From the Low Transmission Setting of Swaziland](#). *Open Forum Infect Dis* 2017;4:ofx071. PMID: 28580365
80. Dobbs K, Tabellini G, Calzoni E, Patrizi O, Martinez P, Gilani SC, Moratto D, Al-Herz W, Cancrini C, Cowan M, Blessing J, Booth C, Buchbinder D, Burns SO, Chatila TA, Chou J, Daza-Cajigal V, Ott de Bruin LM, **de la Morena M**, et al. [Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56^{bright} NKG2A⁺⁺⁺ Cells, and Yet Display Increased Degranulation and Higher Perforin Content](#). *Front Immunol*. 2017;8:798. PMID: 28769923
81. Dobbs K, Tabellini G, Calzoni E, Patrizi O, Martinez P, Giliani SC, Moratto D, Al-Herz W, Cancrini C, Cowan M, Blessing J, Booth C, Buchbinder D, Burns SO, Chatila TA, Chou J, Daza-Cajigal V, Ott de Bruin LM, **de la Morena MT**, et al. [Corrigendum: Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56^{bright} NKG2A⁺⁺⁺ Cells, and Yet Display Increased Degranulation and Higher Perforin Content](#). *Front Immunol*. 2017 Oct 10;8:1244. PMID: 29042861
82. **Dowling MM**, Quinn CT, **Ramaciotti C**, et al. [Increased prevalence of potential right-to-left shunting in children with sickle cell anaemia and stroke](#). *Br J Haematol* 2017;176:300-8. PMID: 27766637
83. **Dowling MM**, Kirkham FJ. [Stroke in sickle cell anaemia is more than stenosis and thrombosis: the role of anaemia and hyperemia in ischaemia](#). *Br J Haematol* 2017;176:151-3. PMID: 27858986
84. Drews B, Macaluso M, Piper H, **Channabasappa N**. [Caregiver Education Reduces the Incidence of Community-Acquired CLABSIs in the Pediatric Patient With Intestinal Failure](#). *Gastroenterol Nurs*. 2017 Nov/Dec;40(6):458-462. PMID: 29210814
85. Drobysheva A, **Klesse LJ, Bowers DC**, et al. [Targeted MAPK Pathway Inhibitors in Patients With Disseminated Pilocytic Astrocytomas](#). *J Natl Compr Canc Netw* 2017;15:978-82. PMID: 28784858

86. Dubey D, Khemani P, **Remster E**, Elliott JL. [Gradually Progressive Spastic Ataxia in a Young Man: Steadily Unsteady.](#) *JAMA Neurol* 2017;74:238-41. PMID: 27942721
87. Duncan AF, Frankfurt JA, **Heyne RJ**, **Rosenfeld CR**. [Biomarkers of adiposity are elevated in preterm very-low-birth-weight infants at 1, 2, and 3 y of age.](#) *Pediatr Res* 2017;81:780-6. PMID: 28099428
88. Dy ME, **Waugh JL**, Sharma N, O'Leary H, Kapur K, D'Gama AM, Sahin M, Urion DK, Kaufmann WE. [Defining Hand Stereotypies in Rett Syndrome: A Movement Disorders Perspective.](#) *Pediatr Neurol* 2017 Oct;75:91-95. PMID: 28838622
89. Dykewicz MS, Wallace DV, Baroody F, Bernstein J, Craig T, Finegold I, Huang F, Larenas-Linnemann D, Meltzer E, Steven G, Bernstein DI, Blessing-Moore J, Dinakar C, Greenhawt M, Horner CC, **Khan DA**, et al. [Treatment of seasonal allergic rhinitis: An evidence-based focused 2017 guideline update.](#) *Ann Allergy Asthma Immunol.* 2017 Dec;119(6):489-511.e41. PMID: 29103802
90. Egler RA, Gosiengfiao Y, Russell H, **Wickiser JE**, Frazier AL. [Is surgical resection and observation sufficient for stage I and II sacrococcygeal germ cell tumors? A case series and review.](#) *Pediatr Blood Cancer* 2017;64. PMID: 27786428
91. Ellington N, **Wolf MT**, Kasten J, Rakheja D. [Omental Arteriopathy in Primary Atypical Hemolytic Uremic Syndrome.](#) *Int J Surg Pathol* 2017:1066896917699703. PMID: 28381151
92. Elmaghrabi A, **Brown E**, Khin E, Hassler J, Hendricks AR. [Tubuloreticular Inclusions in the Absence of Systemic Lupus Erythematosus and HIV Infection: A Report of Three Pediatric Cases.](#) *Case Rep Nephrol Dial* 2017 Jun 23;7(2):91-101. PMID: 28868299
93. Eskiocak B, McMillan E, Mendiratta S, Kollipara R, Zhang H, Humphries C, Wang C, Garcia-Rodriguez J, Ding M, Zaman A, Rosales T, Eskiocak U, Smith MP, Sudderth J, Komurov K, **DeBerardinis RJ**, et al. [Biomarker Accessible and Chemically Addressable Mechanistic Subtypes of BRAF Melanoma.](#) *Cancer Discov* 2017 Aug;7(8):832-851. PMID: 28455392
94. Esquivel A, Busse WW, Calatroni A, Togias AG, Grindle KG, Bochkov YA, **Gruchalla RS**, et al. [Effects of Omalizumab on Rhinovirus Infections, Illnesses and Exacerbations of Asthma.](#) *Am J Respir Crit Care Med.* 2017 Oct 15;196(8):985-992. PMID: 28608756
95. Faubert B, Li KY, Cai L, Hensley CT, Kim J, Zacharias LG, Yang C, Do QN, Doucette S, Burguete D, Li H, Huet G, Yuan Q, Wigal T, Butt Y, Ni M, Torrealba J, Oliver D, Lenkinski RE, Malloy CR, Wachsmann JW, Young JD, Kernstine K, **DeBerardinis RJ**. [Lactate Metabolism in Human Lung Tumors.](#) *Cell* 2017 Oct 5;171(2):358-371.e9. PMID: 28985563
96. Faustino EV, Gedeit R, Schwarz AJ, et al, Randomized Evaluation of Sedation Titration for Respiratory Failure (RESTORE) Study Investigators (**Bowens CD**). [Accuracy of an Extubation Readiness Test in Predicting Successful Extubation in Children With Acute Respiratory Failure From Lower Respiratory Tract Disease.](#) *Crit Care Med* 2017;45:94-102. PMID: 27632676
97. Finkel RS, Mercuri E, Darras BT, Connolly AM, Kuntz NL, Kirschner J, Chiriboga CA, Saito K, Servais L, Tizzano E, Topaloglu H, Tulinius M, Montes J, Glanzman AM, Bishop K, Zhong ZJ, Gheuens S, Bennett CF, Schneider E, Farwell W, De Vivo DC; ENDEAR Study Group (**Iannaccone S**). [Nusinersen versus sham control in infantile-onset spinal muscular atrophy.](#) *N Engl J Med.* 377:1723-1732, 2017. PMID: 29091570
98. Finkel RS, Sejersen T, Mercuri E; ENMC SMA Workshop Study Group (**Iannaccone S**). [218th ENMC International Workshop:: Revisiting the consensus on standards of care in SMA Naarden, The Netherlands, 19-21 February 2016.](#) *Neuromuscul Disord* 2017 Jun;27(6):596-605. PMID: 28392274
99. Fischer GM, Vashisht Gopal YN, McQuade JL, Peng W, **DeBerardinis RJ**, Davies MA. [Metabolic strategies of melanoma cells: Mechanisms, interactions with the tumor microenvironment, and therapeutic implications.](#) *Pigment Cell Melanoma Res* 2018 Jan;31(1):11-30. PMID: 29049843

100. Fishman DS, Giefer MJ, **Barth B**, **Troendle DM**. [Digital Evaluation of the Biliopancreatic Tree: Cases From the Pediatric ERCP Database Initiative Consortium](#). *J Pediatr Gastroenterol Nutr* 2017;64:e125. PMID: 28151768
101. Flores A, Klaassen RJ, **Buchanan GR**, Neunert CE. [Patterns and influences in health-related quality of life in children with immune thrombocytopenia: A study from the Dallas ITP Cohort](#). *Pediatr Blood Cancer* 2017;64. PMID: 28111877
102. Fox CK, Mackay MT, **Dowling MM**, et al. [Prolonged or recurrent acute seizures after pediatric arterial ischemic stroke are associated with increasing epilepsy risk](#). *Dev Med Child Neurol* 2017;59:38-44. PMID: 27422813
103. **Francis JKR**, Fraiz LD, Catalozzi M, deRoche AM, Mauro C, Rosenthal SL. [Pregnant young women's attitudes about microbicides: the anticipated influence of the grandmother and father of the baby on microbicide use](#). *Sex Health* 2017 Nov; 14(6):581-583 PMID: 28514991
104. **Francis JKR**, Gold MA. [Long-Acting Reversible Contraception for Adolescents: A Review](#). *JAMA Pediatr* 2017;171:694-701. PMID: 28558091
105. Freedman SB, Rodean J, Hall M, Alpern ER, Aronson PL, Simon HK, Shah SS, Marin JR, Cohen E, **Morse RB**, et al. [Delayed Diagnoses in Children with Constipation: Multicenter Retrospective Cohort Study](#). *J Pediatr* 2017 Jul;186:87-94.e16. PMID: 28457526
106. Friedlander JA, Liu QY, Sahn B, Kooros K, Walsh CM, Kramer RE, Lightdale JR, Khlevner J, McOmber M, Kurowski J, Giefer MJ, Pall H, **Troendle DM**, et al. [NASPGHAN Capsule Endoscopy Clinical Report](#). *J Pediatr Gastroenterol Nutr* 2017;64:485-94. PMID: 27642781
107. Frankel AE, Coughlin LA, Kim J, Froehlich TW, Xie Y, Frenkel EP, **Koh AY**. [Metagenomic Shotgun Sequencing and Unbiased Metabolomic Profiling Identify Specific Human Gut Microbiota and Metabolites Associated with Immune Checkpoint Therapy Efficacy in Melanoma Patients](#). *Neoplasia* 2017 Oct;19(10):848-855. PMID: 28923537
108. **Fuchs J**, Adams ST, Byerley J. [Current Issues in Intravenous Fluid Use in Hospitalized Children](#). *Rev Recent Clin Trials* 2017;12(4):284-289. PMID: 28814256
109. Gadalla KKE, Vudhironarit T, Hector RD, Sinnott S, Bahey NG, Bailey MES, **Gray SJ**, Cobb SR. [Development of a Novel AAV Gene Therapy Cassette with Improved Safety Features and Efficacy in a Mouse Model of Rett Syndrome](#). *Mol Ther Methods Clin Dev* 2017 Apr 22;5:180-190. PMID: 28497075
110. Gambin T, Yuan B, Bi W, Liu P, Rosenfeld JA, Coban-Akdemir Z, Pursley AN, Nagamani SCS, Marom R, **Golla S**, **Dengle L**, et al. [Identification of novel candidate disease genes from de novo exonic copy number variants](#). *Genome Med* 2017 Sep 21;9(1):83. PMID: 2893498
111. Ganesan S, Luu TT, Chambers BJ, Meinke S, Brodin P, Vivier E, **Wetzel DM**, Koleske AJ, Kadri N, Höglund P. [The Abl-1 Kinase is Dispensable for NK Cell Inhibitory Signalling and is not Involved in Murine NK Cell Education](#). *Scand J Immunol*. 2017 Sep;86(3):135-142. PMID: 28605050
112. Gardiner JD, Abegglen LM, Huang X, Carter BE, Schackmann EA, Stucki M, Paxton CN, Lor Randall R, **Amatruda JF**, et al. [C/EBPbeta-1 promotes transformation and chemoresistance in Ewing sarcoma cells](#). *Oncotarget* 2017;8:26013-26. PMID: 28148901
113. Garipey CE, Heyman MB, Lowe ME, Pohl JF, Werlin SL, Wilschanski M, **Barth B**, Fishman DS, Freedman SD, Giefer MJ, Gonska T, Himes R, Husain SZ, Morinville VD, Ooi CY, Schwarzenberg SJ, **Troendle DM**, et al. [Causal Evaluation of Acute Recurrent and Chronic Pancreatitis in Children: Consensus From the INSPPIRE Group](#). *J Pediatr Gastroenterol Nutr* 2017 Jan;64:95-103. PMID: 27782962
114. George N, **Thodeson D**, Park J, **Sirsi D**. [Paroxysmal Choreoathetosis in a Child with SCN2A Mutation and Neonatal Seizures](#). Open Access *J Neurol Neurosurg*. Volume 4 Issue 4 - June 2017.

115. Ghosh D, Xiong F, Sirsi SR, **Shaul PW**, Mattrey RF, Hoyt K. [Toward optimization of in vivo super-resolution ultrasound imaging using size-selected microbubble contrast agents.](#) *Med Phys.* 2017 Dec;44(12):6304-6313. PMID: 28975635
116. Giefer MJ, Lowe ME, Werlin SL, Zimmerman B, Wilschanski M, **Troendle D**, Schwarzenberg SJ, Pohl JF, Palermo J, Ooi CY, Morinville VD, Lin TK, Husain SZ, Himes R, Heyman MB, Gonska T, Garipey CE, Freedman SD, Fishman DS, Bellin MD, **Barth B**, et al. [Early-Onset Acute Recurrent and Chronic Pancreatitis Is Associated with PRSS1 or CTRC Gene Mutations.](#) *J Pediatr* 2017 Jul;186:95-100.PMID: 28502372
117. Givertz MM, Fang JC, Sorajja P, **Dimas V**, et al. [Executive Summary of the SCAI/HFSA Clinical Expert Consensus Document on the Use of Invasive Hemodynamics for the Diagnosis and Management of Cardiovascular Disease.](#) *J Card Fail* 2017;23:487-91. PMID: 28454731
118. Gluckman E, Cappelli B, Bernaudin F, Labopin M, Volt F, Carreras J, Pinto Simões B, Ferster A, Dupont S, de la Fuente J, Dalle JH, Zecca M, Walters MC, Krishnamurti L, Bhatia M, Leung K, Yanik G, Kurtzberg J, Dhedin N, Kuentz M, Michel G, Apperley J, Lutz P, Neven B, Bertrand Y, Vannier JP, Ayas M, Cavazzana M, Matthes-Martin S, Rocha V, Elayoubi H, Kenzey C, Bader P, Locatelli F, Ruggeri A, Eapen M; Eurocord, the Pediatric Working Party of the European Society for Blood and Marrow Transplantation, and the Center for International Blood and Marrow Transplant Research (**Rogers Z**). [Sickle cell disease: an international survey of results of HLA-identical sibling hematopoietic stem cell transplantation.](#) *Blood* 2017 Mar 16;129(11):1548-1556. PMID: 27965196
119. Gmuca S, Xiao R, Brandon TG, Pagnini I, **Wright TB**, et al. [Multicenter inception cohort of enthesitis-related arthritis: variation in disease characteristics and treatment approaches.](#) *Arthritis Res Ther* 2017;19:84. PMID: 28464909
120. Godakhindi VS, Kang P, Serre M, Revuru NA, Zou JM, Roner MR, **Levitz R, Kahn JS**, Randrianalisoa J, Qin Z. [Tuning the Gold Nanoparticle Colorimetric Assay by Nanoparticle Size, Concentration, and Size Combinations for Oligonucleotide Detection.](#) *ACS Sens.* 2017 Nov 22;2(11):1627-1636. PMID: 28994578
121. Golden DB, Demain J, Freeman T, Graft D, Tankersley M, Tracy J, Blessing-Moore J, Bernstein D, Dinakar C, Greenhawt M, **Khan D**, et al. [Stinging insect hypersensitivity: A practice parameter update 2016.](#) *Ann Allergy Asthma Immunol.* 2017 Jan;118(1):28-54. PMID: 28007086
122. **Golla S**, Ren J, Malloy CR, Pascual JM. [Intramyoellular lipid excess in the mitochondrial disorder MELAS: MRS determination at 7T.](#) *Neurol Genet* 2017;3:e160. PMID: 28589178
123. Gonzalez-Hernandez J, Prajapati P, Ogola G, **Channabasappa N**, Drews B, Piper HG. [Predicting time to full enteral nutrition in children after significant bowel resection.](#) *J Pediatr Surg* 2017;52:764-7. PMID: 28168985
124. Grau C, Starkovich M, Azamian MS, Xia F, Cheung SW, **Evans P**, et al. [Xp11.22 deletions encompassing CENPVL1, CENPVL2, MAGED1 and GSPT2 as a cause of syndromic X-linked intellectual disability.](#) *PLoS one* 2017;12:e0175962. PMID: 28414775
125. **Green ML**, Winkler M, Mink R, et al. [Defining leadership competencies for pediatric critical care fellows: Results of a national needs assessment.](#) *Med Teach* 2017;39:486-93. PMID: 28281362
126. Greenhawt M, **Bird JA**, Nowak-Węgrzyn AH. [Trends in Provider Management of Patients with Food Protein-Induced Enterocolitis Syndrome.](#) *J Allergy Clin Immunol Pract.* 2017 Sep - Oct;5(5):1319-1324.e12. PMID: 28284784
127. Greenhawt M, Oppenheimer J, Nelson M, Nelson H, Lockey R, Lieberman P, Nowak-Węgrzyn A, Peters A, Collins C, Bernstein DI, Blessing-Moore J, **Khan D**, et al. [Sublingual immunotherapy: A focused allergen immunotherapy practice parameter update.](#) *Ann Allergy Asthma Immunol.* 2017 Mar;118(3):276-282.e2. PMID: 28284533
128. **Greil G, Tandon AA**, Silva Vieira M, **Hussain T**. [3D Whole Heart Imaging for Congenital Heart Disease.](#) *Front Pediatr* 2017;5:36. PMID: 28289674

129. Haber B, Alonso E, Pedreira A, **Rodriguez-Baez N**, et al. [Long-Term Follow-Up of Children Treated With Peginterferon and Ribavirin for Hepatitis C Virus Infection](#). *J Pediatr Gastroenterol Nutr* 2017;64:89-94. PMID: 27111344
130. Halling C, Sparks JE, Christie L, **Wyckoff MH**. [Efficacy of Intravenous and Endotracheal Epinephrine during Neonatal Cardiopulmonary Resuscitation in the Delivery Room](#). *J Pediatr* 2017 Jun;185:232-236 PMID: 28285754
131. Hamdan FF, Myers CT, Cossette P, Lemay P, Spiegelman D, Laporte AD, Nassif C, Diallo O, Monlong J, Cadieux-Dion M, Dobrzeniecka S, Meloche C, Retterer K, Cho MT, Rosenfeld JA, Bi W, Massicotte C, Miguet M, Brunga L, Regan BM, Mo K, Tam C, Schneider A, Hollingsworth G; Deciphering Developmental Disorders Study, FitzPatrick DR, Donaldson A, Canham N, Blair E, Kerr B, Fry AE, Thomas RH, Shelagh J, Hurst JA, Brittain H, Blyth M, Lebel RR, Gerkes EH, Davis-Keppen L, Stein Q, Chung WK, Dorison SJ, Benke PJ, Fassi E, Corsten-Janssen N, Kamsteeg EJ, Mau-Them FT, Bruel AL, Verloes A, Őunap K, Wojcik MH, Albert DVF, Venkateswaran S, Ware T, Jones D, Liu YC, Mohammad SS, Bizargity P, Bacino CA, Leuzzi V, Martinelli S, Dallapiccola B, Tartaglia M, Blumkin L, Wierenga KJ, Purcarin G, O'Byrne JJ, Stockler S, Lehman A, Keren B, Nougues MC, Mignot C, Auvin S, Nava C, Hiatt SM, Bebin M, Shao Y, Scaglia F, Lalani SR, Frye RE, Jarjour IT, Jacques S, Boucher RM, Riou E, Srour M, Carmant L, Lortie A, Major P, Diadori P, Dubeau F, D'Anjou G, Bourque G, Berkovic SF, Sadleir LG, Campeau PM, Kibar Z, Lafrenière RG, Girard SL, Mercimek-Mahmutoglu S, Boelman C, Rouleau GA, Scheffer IE, Mefford HC, Andrade DM, Rossignol E, **Minassian BA**, Michaud JL. [High Rate of Recurrent De Novo Mutations in Developmental and Epileptic Encephalopathies](#). *Am J Hum Genet* 2017 Nov 2;101(5):664-685. PMID: 29100083
132. Hanchard NA, **Umana LA**, D'Alessandro L, et al. [Assessment of large copy number variants in patients with apparently isolated congenital left-sided cardiac lesions reveals clinically relevant genomic events](#). *Am J Med Genet A* 2017;173:2176-88. PMID: 28653806
133. Hardy KK, Embry L, Kairalla JA, Helian S, Devidas M, Armstrong D, Hunger S, Carroll WL, Larsen E, Raetz EA, Loh ML, Yang W, Relling MV, Noll RB, **Winick N**. [Neurocognitive Functioning of Children Treated for High-Risk B-Acute Lymphoblastic Leukemia Randomly Assigned to Different Methotrexate and Corticosteroid Treatment Strategies: A Report From the Children's Oncology Group](#). *J Clin Oncol* 2017;35:2700-7. PMID: 28671857
134. Hasan M, Gonugunta VK, Dobbs N, Ali A, Palchik G, Calvaruso MA, **DeBerardinis RJ**, et al. [Chronic innate immune activation of TBK1 suppresses mTORC1 activity and dysregulates cellular metabolism](#). *Proc Natl Acad Sci U S A* 2017;114:746-51. PMID: 28069950
135. Hauer J, Houtrow AJ, Section On Hospice and Palliative Medicine, Council on Children with Disabilities (**Adams RC**). [Pain Assessment and Treatment in Children With Significant Impairment of the Central Nervous System](#). *Pediatrics* 2017 Jun; 139(6) PMID: 28562301
136. Heal ME, Jackson LB, Atz AM, **Butts RJ**. [Effects of persistent Fontan fenestration patency on cardiopulmonary exercise testing variables](#). *Congenit Heart Dis* 2017 Jul;12(4):399-402. PMID: 28618202
137. Hedstrom E, Voigt T, **Greil G**, Schaeffter T, Nagel E. [Automatic T2* determination for quantification of iron load in heart and liver: a comparison between automatic inline Maximum Likelihood Estimate and the truncation and offset methods](#). *Clin Physiol Funct Imaging* 2017;37:299-304. PMID: 26475530
138. Hoch HE, Calatroni A, West JB, Liu AH, Gergen PJ, **Gruchalla RS**, et al. [Can we predict fall asthma exacerbations? Validation of the seasonal asthma exacerbation index](#). *J Allergy Clin Immunol*. 2017 Oct;140(4):1130-1137.e5. PMID: 28238748
139. Hood K, Lewis B, **Bowens CD**. [Reducing Fresh Tracheostomy Decannulations Following Implementation of a Fresh Tracheostomy Guideline](#). *Crit Care Nurs Clin North Am* 2017;29:131-41. PMID: 28460695
140. **Hsiang MS**, Ranadive N, Chitundu S, Ntshalintshali N, Greenhouse B. [Reply to Rossi et al](#). *Clin Infect Dis*. 2017 Oct 30;65(10):1770-1771. PMID: 29020318

141. Huber JN, Hilkin BM, Hook JS, Brophy PD, Davenport TL, Davis JE, Colaizy TT, **Moreland JG**. [Neutrophil Phenotype Correlates With Postoperative Inflammatory Outcomes in Infants Undergoing Cardiopulmonary Bypass](#). *Pediatr Crit Care Med*. 2017 Dec;18(12):1145-1152. PMID: 29068910
142. Huo X, Agoston AT, Dunbar KB, Cipher DJ, Zhang Z, Yu C, **Cheng E**, et al. [Hypoxia-inducible factor-2alpha plays a role in mediating oesophagitis in GORD](#). *Gut* 2017;66:1542-54. PMID: 27694141
143. Huynh V, **Laetsch TW**, Schore RJ, Gaynon P, O'Brien MM. [Redefining treatment failure for pediatric acute leukemia in the era of minimal residual disease testing](#). *Pediatr Hematol Oncol* 2017 Nov 30:1-14. PMID: 29190162
144. Isaiah A, Hamdan H, Johnson RF, Naqvi K, Mitchell RB. [Very Severe Obstructive Sleep Apnea in Children: Outcomes of Adenotonsillectomy and Risk Factors for Persistence](#). *Otolaryngol Head Neck Surg*. 2017 Jul;157(1):128-134. PMID: 28397574
145. James J, Munson D, DeMauro SB, et al, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network (**Wyckoff M, Brion LP, Heyne RJ**) [Outcomes of Preterm Infants following Discussions about Withdrawal or Withholding of Life Support](#). *J Pediatr* 2017 Nov;190:118-123.e4. PMID: 28647272
146. Jenks CL, Hernandez A, Stavinocha PL, Morris MC, Tian F, Liu H, Garg P, Forbess JM, **Koch J**. [Elevated cranial ultrasound resistive indices are associated with improved neurodevelopmental outcomes one year after pediatric cardiac surgery: A single center pilot study](#). *Heart Lung* 2017 Jul-Aug;46(4):251-257. PMID: 28511778
147. Jenks CL, **Raman L**, Dalton HJ. [Pediatric Extracorporeal Membrane Oxygenation](#). *Crit Care Clin* 2017 Oct;33(4):825-841. PMID: 28887930
148. Jenks CL, Tweed J, Gigli KH, Venkataraman R, **Raman L**. [An International Survey on Ventilator Practices Among Extracorporeal Membrane Oxygenation Centers](#). *ASAIO J* 2017 Nov/Dec;63(6):787-792. PMID: 28525418
149. Jenks CL, **Zia A**, Venkataraman R, **Raman L**. [High Hemoglobin Is an Independent Risk Factor for the Development of Hemolysis During Pediatric Extracorporeal Life Support](#). *J Intensive Care Med* 2017:885066617708992. PMID: 28486865
150. Jensen EA, Dysart KC, Gantz MG, et al, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network (**Brion LP**). [Association between Use of Prophylactic Indomethacin and the Risk for Bronchopulmonary Dysplasia in Extremely Preterm Infants](#). *J Pediatr* 2017 Jul;186:34-40.e2. PMID: 28258737
151. Jiang L, Boufersaoui A, Yang C, Ko B, Rakheja D, Guevara G, Hu Z, **DeBerardinis RJ**. [Quantitative metabolic flux analysis reveals an unconventional pathway of fatty acid synthesis in cancer cells deficient for the mitochondrial citrate transport protein](#). *Metab Eng* 2017 Sep;43(Pt B):198-207. PMID: 27856334
152. Joly S, Rhea L, **Volk P, Moreland JG**, Dunnwald M. [Correction: Interferon Regulatory Factor 6 Has a Protective Role in the Host Response to Endotoxic Shock](#). *PLoS one* 2017;12:e0171459. PMID: 28135321
153. Jonas JA, Shah SS, Zaniletti I, Hall M, Colvin JD, Gottlieb LM, Sills MR, Bettenhausen J, **Morse RB**, Macy ML, Fieldston ES. [Regional Variation in Standardized Costs of Care at Children's Hospitals](#). *J Hosp Med* 2017 Oct;12(10):818-825. PMID: 28991947
154. Joshi S, **Khan DA**. [The expanding field of biologics in the management of chronic urticaria](#). *J Allergy Clin Immunol Pract*. 2017 Nov - Dec;5(6):1489-1499. PMID: 28734860
155. Joyner MK, **Afolabi FC**, Payne TL, Hueckel RM. [Structured Documentation of Home Ventilator Settings in Children: A Quality Improvement Project](#). *J Pediatr Health Care* 2017;31:111-21. PMID: 27321678
156. Kaiser SV, Rodean J, Bekmezian A, Hall M, Shah SS, Mahant S, Parikh K, **Morse R**, et al. [Rising utilization of inpatient pediatric asthma pathways](#). *J Asthma* 2017:1-12. PMID: 28521558

157. **Kapadia VS**, Lal CV, Kakkilaya V, **Heyne R**, **Savani RC**, **Wyckoff MH**. [Impact of the Neonatal Resuscitation Program-Recommended Low Oxygen Strategy on Outcomes of Infants Born Preterm](#). *J Pediatr*. 2017 Dec;191:35-41. PMID: 29173319
158. **Kapadia VS**, **Wyckoff MH**. [Epinephrine Use during Newborn Resuscitation](#). *Front Pediatr* 2017;5:97. PMID: 28507983
159. Kapoor M, **Bird JA**. [Cow's milk protein is often tolerated by children with oat-induced FPIES](#). *J Allergy Clin Immunol Pract*. 2017 Mar - Apr;5(2):496-497. PMID:27843068
160. Karol SE, Larsen E, Cheng C, Cao X, Yang W, Ramsey LB, Fernandez CA, McCorkle JR, Paugh SW, Autry RJ, Lopez-Lopez E, Diouf B, Jeha S, Pui CH, Raetz EA, **Winick NJ**, et al. [Genetics of ancestry-specific risk for relapse in acute lymphoblastic leukemia](#). *Leukemia* 2017 Jun;31(6):1325-1332. PMID: 28096535
161. Kasten J, Rakheja D, Zhang S, **Thankavel P**, **Das BB**. [Reverse histologic remodeling after mechanical unloading of failing hearts in children with dilated cardiomyopathy](#). *J Heart Lung Transplant* 2017 Nov;36(11):1268-1271. PMID: 28705646
162. Khan A, Coffey M, Litterer KP, Baird JD, Furtak SL, Garcia BM, Ashland MA, Calaman S, Kuzma NC, O'Toole JK, Patel A, Rosenbluth G, Destino LA, Everhart JL, Good BP, Hepps JH, Dalal AK, Lipsitz SR, Yoon CS, Zigmont KR, Srivastava R, Starmer AJ, Sectish TC, Spector ND, West DC, Landrigan CP, the Patient and Family Centered I-PASS Study Group (**Mittal V**). [Families as Partners in Hospital Error and Adverse Event Surveillance](#). *JAMA Pediatr* 2017;171:372-81. PMID: 28241211
163. Kim J, Swartz MD, Langlois PH, Romitti PA, Weyer P, Mitchell LE, Luben TJ, Ramakrishnan A, **Malik S**, et al. [Estimated Maternal Pesticide Exposure from Drinking Water and Heart Defects in Offspring](#). *Int J Environ Res Public Health* 2017;14. PMID: 28786932
164. Kim J, Hu Z, Cai L, Li K, Choi E, Faubert B, Bezwada D, Rodriguez-Canales J, Villalobos P, Lin YF, Ni M, Huffman KE, Girard L, Byers LA, Unsal-Kacmaz K, Pena CG, Heymach JV, Wauters E, Vansteenkiste J, Castrillon DH, Chen BPC, Wistuba I, Lambrechts D, Xu J, Minna JD, **DeBerardinis RJ**. [CPS1 maintains pyrimidine pools and DNA synthesis in KRAS/LKB1-mutant lung cancer cells](#). *Nature* 2017;546:168-72. PMID: 28538732
165. Kimura Y, Greulich S, Beukelman T, Morgan E, Nigrovic PA, Mieszkalski K, Graham TB, Ibarra M, Ilowite N, Klein-Gitelman M, Onel K, Prahalad S, **Punaro M**, et al. [Pilot study comparing the Childhood Arthritis & Rheumatology Research Alliance \(CARRA\) systemic Juvenile Idiopathic Arthritis Consensus Treatment Plans](#). *Pediatr Rheumatol Online J* 2017;15:23. PMID: 28399931
166. Klages KL, Berlin KS, Silverman AH, Mugie S, Di Lorenzo C, Nurko S, Ponnambalam A, **Sanghavi R**, et al. [Empirically Derived Patterns of Pain, Stooling, and Incontinence and Their Relations to Health-Related Quality of Life Among Youth With Chronic Constipation](#). *J Pediatr Psychol* 2017;42:325-34. PMID: 27474732
167. Knol MJ, Hahné SJM, Lucidarme J, Campbell H, de Melker HE, **Gray SJ**, et al. [Temporal associations between national outbreaks of meningococcal serogroup W and C disease in the Netherlands and England: an observational cohort study](#). *Lancet Public Health* 2017 Oct;2(10):e473-e482. PMID: 29253430
168. **Koh AY**. [Potential for Monitoring Gut Microbiota for Diagnosing Infections and Graft-versus-Host Disease in Cancer and Stem Cell Transplant Patients](#). *Clin Chem* 2017 Nov;63(11):1685-1694. PMID: 28720679
169. **Koh AY**. [The microbiome in hematopoietic stem cell transplant recipients and cancer patients: Opportunities for clinical advances that reduce infection](#). *PLoS Pathog* 2017;13:e1006342. PMID: 28662165
170. Kolb SJ, Coffey CS, Yankey JW, Krossschell K, Arnold WD, Rutkove SB, Swoboda KJ, Reyna SP, Sakonju A, Darras BT, Shell R, Kuntz N, Castro D, **Iannaccone ST**, et al. [Natural history of infantile-onset spinal muscular atrophy](#). *Ann Neurol*. 2017 Dec;82(6):883-891. PMID: 29149772

171. Krouse RZ, Sorkness CA, Wildfire JJ, Calatroni A, **Gruchalla R**, et al. [Minimally important differences and risk levels for the Composite Asthma Severity Index](#). *J Allergy Clin Immunol*. 2017 Mar;139(3):1052-1055. PMID: 27744028
172. Kuehn HS, Niemela JE, Sreedhara K, Stoddard JL, Grossman J, **Wysocki CA, de la Morena MT**, et al. [Novel nonsense gain-of-function NFKB2 mutations associated with a combined immunodeficiency phenotype](#). *Blood*. 2017 Sep 28;130(13):1553-1564. PMID: 28778864
173. Kugathasan S, Denson LA, Walters TD, Kim MO, Marigorta UM, Schirmer M, Mondal K, Liu C, Griffiths A, Noe JD, Crandall WV, Snapper S, Rabizadeh S, Rosh JR, Shapiro JM, Guthery S, Mack DR, Kellermayer R, Kappelman MD, Steiner S, Moulton DE, Keljo D, Cohen S, Oliva-Hemker M, Heyman MB, Otley AR, Baker SS, Evans JS, Kirschner BS, **Patel AS**, et al. [Prediction of complicated disease course for children newly diagnosed with Crohn's disease: a multicentre inception cohort study](#). *Lancet* 2017;389:1710-8. PMID: 28259484
174. Küry S, van Woerden GM, Besnard T, Proietti Onori M, Latypova X, Towne MC, Cho MT, Prescott TE, Ploeg MA, Sanders S, Stessman HAF, Pujol A, Distel B, Robak LA, Bernstein JA, Denommé-Pichon AS, Lesca G, Sellars EA, Berg J, Carré W, Busk ØL, van Bon BWM, **Wauh JL**, et al. [De Novo Mutations in Protein Kinase CAMK2A and CAMK2B Cause Intellectual Disability](#). *Am J Hum Genet* 2017 Nov 2;101(5):768-788. PMID: 29100089
175. Laptook AR, Shankaran S, Tyson JE, Munoz B, Bell EF, Goldberg RN, Parikh NA, Ambalavanan N, Pedroza C, Pappas A, Das A, Chaudhary AS, Ehrenkranz RA, Hensman AM, Van Meurs KP, **Chalak LF**, Hamrick SEG, Sokol GM, Walsh MC, Poindexter BB, Faix RG, Watterberg KL, Frantz ID 3rd, Guillet R, Devaskar U, Truog WE, Chock VY, **Wyckoff MH**, et al. [Effect of Therapeutic Hypothermia Initiated After 6 Hours of Age on Death or Disability Among Newborns With Hypoxic-Ischemic Encephalopathy: A Randomized Clinical Trial](#). *JAMA*. 2017 Oct 24;318(16):1550-1560. PMID: 29067428
176. Latus H, Nassar MS, Wong J, Hachmann P, Bellsham-Revell H, **Hussain T**, Apitz C, Salih C, Austin C, Anderson D, Yerebakan C, Akintuerk H, Bauer J, Razavi R, Schranz D, **Greil G**. [Ventricular function and vascular dimensions after Norwood and hybrid palliation of hypoplastic left heart syndrome](#). *Heart* 2018 Feb;104(3):244-252. PMID: 28754809
177. **Le N**, Charney RL, Gerard J. [Feasibility of a Novel Combination of Influenza Vaccinations and Child Passenger Safety Seat Fittings in a Drive-through Clinic Setting](#). *Disaster Med Public Health Prep* 2017:1-5. PMID: 28462775
178. Leger KJ, Leonard D, Nielson D, de Lemos JA, Mammen PP, **Winick NJ**. [Circulating microRNAs: Potential Markers of Cardiotoxicity in Children and Young Adults Treated With Anthracycline Chemotherapy](#). *J Am Heart Assoc* 2017;6. PMID: 28377429
179. Lerner EB, Cushman JT, Drendel AL, **Badawy M**, et al. [Effect of the 2011 Revisions to the Field Triage Guidelines on Under- and Over-Triage Rates for Pediatric Trauma Patients](#). *Prehosp Emerg Care* 2017:1-5. PMID: 28489471
180. Lerner EB, Drendel AL, Cushman JT, **Badawy M**, et al. [Ability of the Physiologic Criteria of the Field Triage Guidelines to Identify Children Who Need the Resources of a Trauma Center](#). *Prehosp Emerg Care* 2017;21:180-4. PMID: 27710155
181. **Levitz R**, Gao Y, Dozmorov I, Song R, Wakeland EK, **Kahn JS**. [Distinct patterns of innate immune activation by clinical isolates of respiratory syncytial virus](#). *PLoS one* 2017;12:e0184318. PMID: 28877226
182. Lewis K, **Butts R**, Antonio Quiros J, et al. [Autoimmune enteropathy and hepatitis in pediatric heart transplant recipient](#). *Pediatr Transplant* 2017;21. PMID: 28097735
183. Liao Z, Rodrigues MC, Poynter JN, **Amatruda JF**, et al. [Risk of second malignant neoplasms in women and girls with germ cell tumors](#). *Ann Oncol* 2017 Feb 1;28(2):329-332. PMID: 27864217
184. Lieu TJ, **Bird JA**. [Oral Immunotherapy, Sublingual Immunotherapy, or Epicutaneous Immunotherapy: Which Is the Right Solution?](#) *Curr Treat Options Allergy* March 2017;4:1-13.

185. Lin TK, **Troendle DM**, Wallihan DB, **Barth B**, et al. [Specialized Imaging and Procedures in Pediatric Pancreatology: A North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition Clinical Report](#). *J Pediatr Gastroenterol Nutr* 2017;64:472-84. PMID: 28230608
186. Liu EL, Morshedi B, Miller BL, Miller R, Isaacs SM, Fowler RL, Chung W, Blum R, Ward B, Carlo J, **Hennes H**, et al. [Dallas MegaShelter Medical Operations Response to Hurricane Harvey](#). *Disaster Med Public Health Prep* 2017 Dec 6:1-4. PMID: 29208073
187. Liu X, Zhang Y, Chen Y, Li M, Zhou F, Li K, Cao H, Ni M, Liu Y, Gu Z, **Dickerson KE**, et al. [In Situ Capture of Chromatin Interactions by Biotinylated dCas9](#). *Cell* 2017;170:1028-43 e19. PMID: 28841410
188. Liu X, Zhang Y, Ni M, Cao H, Signer RAJ, Li D, Li M, Gu Z, Hu Z, **Dickerson KE**, Weinberg SE, Chandel NS, **DeBerardinis RJ**, et al. [Regulation of mitochondrial biogenesis in erythropoiesis by mTORC1-mediated protein translation](#). *Nat Cell Biol* 2017;19:626-38. PMID: 28504707
189. Liu Y, Easton J, Shao Y, Maciaszek J, Wang Z, Wilkinson MR, McCastlain K, Edmonson M, Pounds SB, Shi L, Zhou X, Ma X, Sioson E, Li Y, Rusch M, Gupta P, Pei D, Cheng C, Smith MA, Auvil JG, Gerhard DS, Relling MV, **Winick N**, et al. [The genomic landscape of pediatric and young adult T-lineage acute lymphoblastic leukemia](#). *Nat Genet* 2017;49:1211-8. PMID: 28671688
190. Lopez L, Colan S, Stylianou M, Granger S, Trachtenberg F, Frommelt P, Pearson G, Camarda J, Cnota J, Cohen M, Dragulescu A, Frommelt M, Garuba O, Johnson T, Lai W, Mahgerefteh J, Pignatelli R, Prakash A, Sachdeva R, Soriano B, Soslow J, Spurney C, Srivastava S, Taylor C, **Thankavel P**, van der Velde M, Minich L; Pediatric Heart Network Investigators*. [Relationship of Echocardiographic Z Scores Adjusted for Body Surface Area to Age, Sex, Race, and Ethnicity: The Pediatric Heart Network Normal Echocardiogram Database](#). *Circ Cardiovasc Imaging*. 2017 Nov;10(11). PMID: 29138232
191. **Lopez X**, Marinkovic M, Eimicke T, Rosenthal SM, Olshan JS, Pediatric Endocrine Society Transgender Health Special Interest Group. [Statement on gender-affirmative approach to care from the pediatric endocrine society special interest group on transgender health](#). *Curr Opin Pediatr* 2017 Aug;29(4):475-480. PMID: 28562420
192. Lu Z, Xie J, Wu G, Shen J, Collins R, Chen W, Kang X, Luo M, Zou Y, Huang LJ, **Amatruda JF**, **Slone T**, **Winick N**, et al. [Fasting selectively blocks development of acute lymphoblastic leukemia via leptin-receptor upregulation](#). *Nat Med* 2017;23:79-90. PMID: 27941793
193. Lucidarme J, Lekshmi A, Parikh SR, Bray JE, Hill DM, Bratcher HB, **Gray SJ**, et al. [Frequent capsule switching in 'ultra-virulent' meningococci - Are we ready for a serogroup B ST-11 complex outbreak?](#) *J Infect* 2017 Aug;75(2):95-103. PMID: 28579305
194. Lyons TW, Cruz AT, Freedman SB, et al, Pediatric Emergency Medicine Clinical Research Network (PEM CRC) Herpes Simplex Virus Study Group (**Okada PJ**). [Interpretation of Cerebrospinal Fluid White Blood Cell Counts in Young Infants With a Traumatic Lumbar Puncture](#). *Ann Emerg Med* 2017;69:622-31. PMID: 28041826
195. Ma P, Hussain N, **Abbe M**. [An examination of traffic-related traumatic injuries among children at a Level-1 Pediatric Trauma Center, 2005-2014](#). *J Trauma Acute Care Surg* 2017 Nov;83(5S Suppl2):S233-S239. PMID: 28697022
196. MacDonald CM, Campbell C, Torricelli RC, Finkel RS et al and the ACT DMD Study Group (**Iannaccone S**). [Ataluren in patients with nonsense mutation Duchenne muscular dystrophy \(ACT DMD\): a multicentre, randomized, double-blind, placebo-controlled, phase 3 trial](#). *Lancet* 390:1489-1498, 2017. PMID: 28728956
197. Macy E, **Khan DA**, Castells MC, Lang DM. [Penicillin Allergy Testing: A Key Component of Antibiotic Stewardship](#). *Clin Infect Dis*. 2017 Feb 15;64(4):531-532. PMID: 28174914

198. Macy E, Romano A, **Khan D**. [Practical Management of Antibiotic Hypersensitivity in 2017](#). *J Allergy Clin Immunol Pract*. 2017 May - Jun;5(3):577-586. PMID: 28365277
199. Makowski MR, Jansen CHP, Ebersberger U, Schaeffter T, Razavi R, Mangino M, Spector TD, Botnar RM, **Greil GF**. [Erratum to: Influence of acquired obesity on coronary vessel wall late gadolinium enhancement in discordant monozygote twins](#). *Eur Radiol* 2017 Nov;27(11):4619. PMID: 28677068
200. Mandel RJ, Marmion DJ, Kirik D, Chu Y, Heindel C, McCown T, **Gray SJ**, Kordower JH. [Novel oligodendroglial alpha synuclein viral vector models of multiple system atrophy: studies in rodents and nonhuman primates](#). *Acta Neuropathol Commun* 2017 Jun 16;5(1):47. PMID: 28619074
201. Marcotte EL, Pankratz N, **Amatruda JF**, et al. [Variants in BAK1, SPRY4, and GAB2 are associated with pediatric germ cell tumors: A report from the children's oncology group](#). *Genes Chromosomes Cancer* 2017;56:548-58. PMID: 28295819
202. Mansuri A, Elmaghrabi A, Alhamoud I, Legan SK, **Gattineni J, Baum M**. [Transient enalapril attenuates the reduction in glomerular filtration rate in prenatally programmed rats](#). *Physiol Rep* 2017;5. PMID: 28438986
203. Mansuri A, Legan SK, Jain J, Alhamoud I, **Gattineni J, Baum M**. [Effect of renal denervation on urine angiotensinogen excretion in prenatally programmed rats](#). *Physiol Rep*. 2017 Nov;5(20). PMID: 29051307
204. Maziad ASA, Torrealba J, **Seikaly MG**, Hassler JR, Hendricks AR. [Renal-Limited "Lupus-Like" Nephritis: How Much of a Lupus?](#) *Case Rep Nephrol Dial* 2017;7:43-8. PMID: 28612005
205. McCandless SE, Yanovski JA, Miller J, Fu C, Bird LM, Salehi P, Chan CL, Stafford D, Abuzzahab MJ, Viskochil D, **Barlow SE**, et al. [Effects of MetAP2 inhibition on hyperphagia and body weight in Prader-Willi syndrome: a randomized, double-blind, placebo-controlled trial](#). *Diabetes Obes Metab* 2017 Dec;19(12):1751-1761. PMID: 28556449
206. McIntosh LA, Marion MC, Sudman M, Corneau ME, Becker ML, Bohnsack JF, Fingerlin TE, Griffin TA, Haas JP, Lovell DJ, Maier LA, Nigrovic PA, Prahalad S, **Punaro M**, et al. [Genome-wide association meta-analysis reveals novel juvenile idiopathic arthritis susceptibility loci](#). *Arthritis Rheumatol* 2017 Nov;69(11):2222-32. PMID: 28719732
207. Meier T, Rummey C, Leinonen M, Spagnolo P, Mayer OH, Buyse GM; DELOS Study Group (**Iannaccone S**). [Characterization of pulmonary function in 10-18 year old patients with Duchenne muscular dystrophy](#). *Neuromuscul Disord* 2017 Apr;27(4):307-314. PMID: 28189481
208. **Meneses V**, Gonzalez-Castillo Z, **Edgar VB**, Augustyn M. [Supporting a Youth with Cerebellar Ataxia into Adolescence](#). *J Dev Behav Pediatr* 2017;38:240-2. PMID: 28323747
209. **Meneses V**, Vanderbilt D, Barnes L, Augustyn M. [Footprints in the Bathroom": The Role of Spirituality in Patient Diagnosis](#). *J Dev Behav Pediatr* 2017;38 Suppl 1:S79-S81. PMID: 28141730
210. **Meneses V**, Cruz N. [A trauma-informed approach supports health and development in children and youth with spina bifida](#). *J Pediatr Rehabil Med* 2017; 10(3-4):195-199. PMID: 29125518
211. Menazza S, Sun J, Appachi S, Chambliss KL, Kim SH, Aponte A, Khan S, Katzenellenbogen JA, Katzenellenbogen BS, **Shaul PW**, Murphy E. [Non-nuclear estrogen receptor alpha activation in endothelium reduces cardiac ischemia-reperfusion injury in mice](#). *J Mol Cell Cardiol* 2017;107:41-51. PMID: 28457941
212. Menon D, Salloum D, Bernfeld E, Gorodetsky E, Akselrod A, Frias MA, Sudderth J, Chen PH, **DeBerardinis RJ**, et al. [Lipid sensing by mTOR complexes via de novo synthesis of phosphatidic acid](#). *J Biol Chem* 2017;292:6303-11. PMID: 28223357
213. Metallo CM, **Deberardinis RJ**. [Engineering approaches to study cancer metabolism](#). *Metab Eng* 2017 Sep;43(Pt B):93. PMID: 28918847

214. Miller Ferguson N, Sarnaik A, **Miles D**, et al. [Abusive Head Trauma and Mortality-An Analysis From an International Comparative Effectiveness Study of Children With Severe Traumatic Brain Injury](#). *Crit Care Med* 2017 Aug;45(8):1398-1407. PMID: 28430697
215. **Minassian BA**. [Understanding the brain one amino acid at a time - The case of the FHF1 R52H encephalopathy](#). *Eur J Paediatr Neurol* 2017;21:699-700. PMID: 28784232
216. Mir IN, Chalak L. [Placenta – ‘The Least Understood Human Organ’ – From Animistic Origins to Human Placental Project](#). *SciMedCentral* (2017) 2(2):1013.
217. Mishra N, Wang P, Goldsmith D, Zhao X, Xue Y, Christians U, **Minassian BA**. [Everolimus does not prevent Lafora body formation in murine Lafora disease](#). *Neurol Genet* 2017;3:e127. PMID: 28097224
218. Moler FW, Silverstein FS, Holubkov R, Slomine BS, Christensen JR, Nadkarni VM, Meert KL, Browning B, Pemberton VL, Page K, Gildea MR, Scholefield BR, Shankaran S, Hutchison JS, Berger JT, Ofori-Amanfo G, Newth CJ, Topjian A, Bennett KS, **Koch JD**, et al, THAPCA Trial Investigators (**Edgar VB, Okada P, Miles D, Raman L, Green M, Dowling M**) [Therapeutic Hypothermia after In-Hospital Cardiac Arrest in Children](#). *N Engl J Med* 2017;376:318-29. PMID: 28118559
219. Moon J, Zhou H, Zhang LS, Tan W, Zhang S, Morlock LK, Bao X, Palecek SP, Feng JQ, Williams NS, **Amatruda JF**, et al. [Blockade to pathological remodeling of infarcted heart tissue using a porcupine antagonist](#). *Proc Natl Acad Sci U S A* 2017;114:1649-54. PMID: 28143939
220. Morray BH, **Dimas VV**, Lim S, et al. [Circulatory support using the impella device in fontan patients with systemic ventricular dysfunction: A multicenter experience](#). *Catheter Cardiovasc Interv* 2017 Jul;90(1):118-123. PMID: 28112463
221. Muller JJ, Schwab M, **Rosenfeld CR**, et al. [Fetal Sheep Mesenteric Resistance Arteries: Functional and Structural Maturation](#). *J Vasc Res* 2017;54:259-71. PMID: 28810262
222. Munteanu I, Kalimo H, Saraste A, Nishino I, **Minassian BA**. [Cardiac autophagic vacuolation in severe X-linked myopathy with excessive autophagy](#). *Neuromuscul Disord* 2017;27:185-7. PMID: 27916343
223. Muraro A, Lemanske RF Jr, Castells M, Torres MJ, **Khan D**, et al. [Precision medicine in allergic disease-food allergy, drug allergy, and anaphylaxis-PRACTALL document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma and Immunology](#). *Allergy*. 2017 Jul;72(7):1006-1021. PMID: 28122115
224. Murthy K, Porta NFM, Lagatta JM, Zaniletti I, Truog WE, Grover TR, Nelin LD, **Savani RC**. [Inter-center variation in death or tracheostomy placement in infants with severe bronchopulmonary dysplasia](#). *J Perinatol* 2017;37:723-7. PMID: 28181997
225. Nakada Y, Canseco DC, Thet S, Abdisolaam S, Asaithamby A, Santos CX, Shah AM, Zhang H, Faber JE, Kinter MT, Szweda LI, Xing C, Hu Z, **DeBerardinis RJ**, et al. [Hypoxia induces heart regeneration in adult mice](#). *Nature* 2017;541:222-7. PMID: 27798600
226. Natale JE, Lebet R, Joseph JG, et al, Randomized Evaluation of Sedation Titration for Respiratory Failure (RESTORE) Study Investigators (**Bowens CD**). [Racial and Ethnic Disparities in Parental Refusal of Consent in a Large, Multisite Pediatric Critical Care Clinical Trial](#). *J Pediatr* 2017;184:204-8 e1. PMID: 28410087
227. Nicolaidis RE, **de la Morena MT**. [Inherited and acquired clinical phenotypes associated with neuroendocrine tumors](#). *Curr Opin Allergy Clin Immunol*. 2017 Dec;17(6):431-442. PMID: 29040209
228. Newton KP, Feldman HS, Chambers CD, et al, Nonalcoholic Steatohepatitis Clinical Research Network (NASH CRN) (**Barlow S**). [Low and High Birth Weights Are Risk Factors for Nonalcoholic Fatty Liver Disease in Children](#). *J Pediatr* 2017 Aug;187:141-146.e1. PMID: 28366357

229. Nitschke F, Sullivan MA, Wang P, Zhao X, Chown EE, Perri AM, Israelian L, Bovolenta P, Rodriguez de Cordoba S, Steup M, **Minassian BA**. [Abnormal glycogen chain length pattern, not hyperphosphorylation, is critical in Lafora disease.](#) *EMBO Mol Med* 2017 Jul;9(7):906-917. PMID: 28536304
230. Oei JL, Vento M, Rabi Y, Wright I, Finer N, Rich W, **Kapadia V**, et al. [Higher or lower oxygen for delivery room resuscitation of preterm infants below 28 completed weeks gestation: a meta-analysis.](#) *Arch Dis Child Fetal Neonatal Ed* 2017;102:F24-F30. PMID: 27150977
231. Oguro H, McDonald JG, Zhao Z, Umetani M, **Shaul PW**, Morrison SJ. [27-Hydroxycholesterol induces hematopoietic stem cell mobilization and extramedullary hematopoiesis during pregnancy.](#) *J Clin Invest* 2017;127:3392-401. PMID: 28783041
232. Ouyang M, Liu P, Jeon T, **Chalak L, Heyne R**, Rollins NK, et al. [Heterogeneous increases of regional cerebral blood flow during preterm brain development: Preliminary assessment with pseudo-continuous arterial spin labeled perfusion MRI.](#) *Neuroimage* 2017;147:233-42. PMID: 27988320
233. Packer RJ, Pfister S, Bouffet E, Avery R, Bandopadhyay P, Bornhorst M, **Bowers DC**, et al. [Pediatric low-grade gliomas: implications of the biologic era.](#) *Neuro Oncol* 2017;19:750-61. PMID: 27683733
234. Paolino A, **Hussain T**, Pavon A, et al. [NT-proBNP as Marker of Ventricular Dilatation and Pulmonary Regurgitation After Surgical Correction of Tetralogy of Fallot: A MRI Validation Study.](#) *Pediatr Cardiol* 2017;38:324-31. PMID: 27872995
235. Papacostas MF, **Luckett P, Hupp S**. [The use of pulmonary clearance medications in the acutely ill patient.](#) *Expert Rev Respir Med* 2017:1-12. PMID: 28780895
236. Parikh K, Berry J, Hall M, Mussman GM, Montalbano A, Thomson J, **Morse R**, et al. [Racial and Ethnic Differences in Pediatric Readmissions for Common Chronic Conditions.](#) *J Pediatr* 2017 Jul; 186-158-164.e1. PMID: 28438375
237. Parikh SR, Newbold L, Slater S, Stella M, Moschioni M, Lucidarme J, De Paola R, Giuliani M, Serino L, **Gray SJ**, et al. [Meningococcal serogroup B strain coverage of the multicomponent 4CMenB vaccine with corresponding regional distribution and clinical characteristics in England, Wales, and Northern Ireland, 2007-08 and 2014-15: a qualitative and quantitative assessment.](#) *Lancet Infect Dis* 2017 Jul;17(7):754-762. PMID: 28366725
238. Patel S, **Gruchalla R**. [Can We Be Too Clean for Our Own Good? The Hygiene Hypothesis Reviewed.](#) *Tex Med.* 2017 Feb 1;113(2):54-59. PMID: 28207081
239. Patel SV, **Khan DA**. [Adverse Reactions to Biologic Therapy.](#) *Immunol Allergy Clin North Am.* 2017 May;37(2):397-412. PMID: 28366484
240. **Patni N**, Xing C, Agarwal AK, Garg A. [Juvenile-onset generalized lipodystrophy due to a novel heterozygous missense LMNA mutation affecting lamin C.](#) *Am J Med Genet A* 2017;173:2517-21. PMID: 28686329
241. Peltz A, Samuels-Kalow ME, Rodean J, Hall M, Alpern ER, Aronson PL, Berry JG, Shaw KN, **Morse RB**, et al. [Characteristics of Children Enrolled in Medicaid With High-Frequency Emergency Department Use.](#) *Pediatrics* 2017;140. PMID: 28765381
242. Penicillin Allergy in Antibiotic Resistance Workgroup (**Khan, DA**). [Penicillin Allergy Testing Should Be Performed Routinely in Patients with Self-Reported Penicillin Allergy.](#) *J Allergy Clin Immunol Pract.* 2017 Mar - Apr;5(2):333-334. PMID: 28283158

243. Perkins GD, Neumar R, Monsieurs KG, Lim SH, Castren M, Nolan JP, Nadkarni V, Montgomery B, Steen P, Cummins R, Chamberlain D, Aickin R, de Caen A, Wang TL, Stanton D, Escalante R, Callaway CW, Soar J, Olasveengen T, Maconochie I, **Wyckoff M**, et al. [The International Liaison Committee on Resuscitation-Review of the last 25 years and vision for the future](#). *Resuscitation*. 2017 Dec;121:104-116. PMID: 28993179
244. Piper HG, Fan D, Coughlin LA, Ho EX, McDaniel MM, Channabasappa N, Kim J, Kim M, Zhan X, Xie Y, **Koh AY**. [Severe Gut Microbiota Dysbiosis Is Associated With Poor Growth in Patients With Short Bowel Syndrome](#). *JPEN J Parenter Enteral Nutr* 2017 Sep;41(7):1202-1212. PMID: 27406942
245. Phillippi K, Hoeltzel M, Byun Robinson A, Kim S, Childhood Arthritis and Rheumatology Research Alliance (CARRA) Legacy Registry Investigators (**Punaro MG**). [Race, Income, and Disease Outcomes in Juvenile Dermatomyositis](#). *J Pediatr* 2017;184:38-44 e1. PMID: 28410093
246. Pleasant L, Ma Q, Devarajan M, Parameswaran P, **Drake K**, et al. [Increased susceptibility to structural acute kidney injury in a mouse model of presymptomatic cardiomyopathy](#). *Am J Physiol Renal Physiol* 2017;313:F699-F705. PMID: 28679593
247. Powers JM, **Buchanan GR**. [Potential for Improved Screening, Diagnosis, and Treatment for Iron Deficiency and Iron Deficiency Anemia in Young Children](#). *J Pediatr* 2017 Sep; 188:8-10. PMID: 28549635
248. Powers JM, **Buchanan GR**, Adix L, Zhang S, Gao A, McCavit TL. [Effect of Low-Dose Ferrous Sulfate vs Iron Polysaccharide Complex on Hemoglobin Concentration in Young Children With Nutritional Iron-Deficiency Anemia: A Randomized Clinical Trial](#). *JAMA* 2017;317:2297-304. PMID: 28609534
249. Powers JM, Shamoun M, McCavit TL, Adix L, **Buchanan GR**. [Intravenous Ferric Carboxymaltose in Children with Iron Deficiency Anemia Who Respond Poorly to Oral Iron](#). *J Pediatr* 2017;180:212-6. PMID: 27776750
250. Puopolo KM, Mukhopadhyay S, Hansen NI, Cotten CM, Stoll BJ, Sanchez PJ, Bell EF, Das A, Hensman AM, Van Meurs KP, **Wyckoff MH**; NICHD Neonatal Research Network. [Identification of Extremely Premature Infants at Low Risk for Early-Onset Sepsis](#). *Pediatrics*. 2017 Nov;140(5). PMID: 28982710
251. Rajiah P, **Tandon A**, **Greil GF**, Abbara S. [Update on the Role of Cardiac Magnetic Resonance Imaging in Congenital Heart Disease](#). *Curr Treat Options Cardiovasc Med* 2017;19:2. PMID: 28144782
252. Ranadive N, Kunene S, Darteh S, Ntshalintshali N, Nhlabathi N, Dlamini N, Chitundu S, Saini M, Murphy M, Soble A, Schwartz A, Greenhouse B, **Hsiang MS**. [Limitations of Rapid Diagnostic Testing in Patients with Suspected Malaria: A Diagnostic Accuracy Evaluation from Swaziland, a Low-Endemicity Country Aiming for Malaria Elimination](#). *Clin Infect Dis* 2017;64:1221-7. PMID: 28369268
253. Rau RE, Carroll AJ, Heerema NA, Arland L, Carroll WL, **Winick NJ**, et al. [Klinefelter syndrome and 47,XYY syndrome in children with B cell acute lymphoblastic leukaemia](#). *Br J Haematol* 2017 Dec;179(5):843-846. PMID: 27434379
254. Raveendran R, **Khan DA**. [Gelatin Anaphylaxis During Surgery: A Rare Cause of Perioperative Anaphylaxis](#). *J Allergy Clin Immunol Pract*. 2017 Sep - Oct;5(5):1466-1467. PMID: 28888257
255. **Remster E**, Dubey D. [Considering Spastic Paraplegia Type 7 and Adult-Onset Alexander Disease-Reply](#). *JAMA Neurol* 2017;74:869. PMID: 28459933
256. Rider LG, Aggarwal R, Pistorio A, Bayat N, Erman B, Feldman BM, Huber AM, Cimaz R, Cuttica RJ, de Oliveira SK, Lindsley CB, Pilkington CA, **Punaro M**, et al. [2016 American College of Rheumatology/European League Against Rheumatism Criteria for Minimal, Moderate, and Major Clinical Response in Juvenile Dermatomyositis: An International Myositis Assessment and Clinical Studies Group/Paediatric Rheumatology International Trials Organisation Collaborative Initiative](#). *Arthritis Rheumatol* 2017;69:911-23. PMID: 28382778

257. Rider LG, Aggarwal R, Pistorio A, Bayat N, Erman B, Feldman BM, Huber AM, Cimaz R, Cuttica RJ, de Oliveira SK, Lindsley CB, Pilkington CA, **Punaro M**, et al. [2016 American College of Rheumatology/European League Against Rheumatism Criteria for Minimal, Moderate, and Major Clinical Response in Juvenile Dermatomyositis: An International Myositis Assessment and Clinical Studies Group/Paediatric Rheumatology International Trials Organisation Collaborative Initiative](#). *Ann Rheum Dis* 2017;76:782-91. PMID: 28385804
258. Robinson GW, Kaste SC, Chemaitilly W, **Bowers DC**, et al. [Irreversible growth plate fusions in children with medulloblastoma treated with a targeted hedgehog pathway inhibitor](#). *Oncotarget* 2017 Sep 1;8(41):69295-69302. PMID: 29050204
259. Rollins N, Braga B, Hogge A, Beavers S, **Dowling M**. [Dynamic Arterial Compression in Pediatric Vertebral Arterial Dissection](#). *Stroke* 2017;48:1070-3. PMID: 28246279
260. Rollins N, Dowling M. [Response by Rollins and Dowling to Letter Regarding Article, "Dynamic Arterial Compression in Pediatric Vertebral Arterial Dissection"](#). *Stroke* 2017;48:e228. PMID: 28679851
261. Rosenzweig M, Ali SM, Wong V, Schrock AB, **Laetsch TW**, et al. [A case of advanced infantile myofibromatosis harboring a novel MYH10-RET fusion](#). *Pediatr Blood Cancer* 2017;64. PMID: 28028925
262. Ross SA, Ahmed A, Palmer AL, Michaels MG, Sanchez PJ, **Stewart A**, et al. [Newborn Dried Blood Spot Polymerase Chain Reaction to Identify Infants with Congenital Cytomegalovirus-Associated Sensorineural Hearing Loss](#). *J Pediatr* 2017;184:57-61 e1. PMID: 28237380
263. Rowe JH, Stadinski BD, Henderson LA, de Bruin LO, Delmonte O, Lee YN, **de la Morena MT**, et al. [Abnormalities of T-cell receptor repertoire in CD4⁺ regulatory and conventional T cells in patients with RAG mutations: Implications for autoimmunity](#). *J Allergy Clin Immunol*. 2017 Dec;140(6):1739-1743.e7. PMID: 28864286
264. Rowe RK, **Gill MA**. [Effects of Allergic Sensitization on Antiviral Immunity: Allergen, Virus, and Host Cell Mechanisms](#). *Curr Allergy Asthma Rep* 2017;17:9. PMID: 28233152
265. Rowe RK, Pyle DM, Tomlinson AR, Lv T, Hu Z, **Gill MA**. [IgE cross-linking impairs monocyte antiviral responses and inhibits influenza-driven TH1 differentiation](#). *J Allergy Clin Immunol* 2017 Jul;140(1):294-298.e8. PMID: 28087327
266. Rudzinski ER, Anderson JR, Chi YY, Gastier-Foster JM, Astbury C, Barr FG, **Skapek SX**, et al. [Histology, fusion status, and outcome in metastatic rhabdomyosarcoma: A report from the Children's Oncology Group](#). *Pediatr Blood Cancer* 2017 Dec;64(12). PMID: 28521080
267. **Sacharidou A, Shaul PW, Mineo C**. [New Insights in the Pathophysiology of Antiphospholipid Syndrome](#). *Semin Thromb Hemost*. 2017 Jan 27. PMID: 28129662
268. Saddic LA, Nicoloso SM, **Gupta OT**, et al. [Joint analysis of left ventricular expression and circulating plasma levels of Omentin after myocardial ischemia](#). *Cardiovasc Diabetol* 2017;16:87. PMID: 28687077
269. Salahuddin M, Pérez A, Ranjit N, Kelder SH, **Barlow SE**, Pont SJ, Butte NF, Hoelscher DM. [Predictors of Severe Obesity in Low-Income, Predominantly Hispanic/Latino Children: The Texas Childhood Obesity Research Demonstration Study](#). *Prev Chronic Dis*. 2017 Dec 28;14:E141. PMID: 29283881
270. Sampson HA, Shreffler WG, Yang WH, Sussman GL, Brown-Whitehorn TF, Nadeau KC, Cheema AS, Leonard SA, Pongracic JA, Sauvage-Delebarre C, Assa'ad AH, de Blay F, **Bird JA**, et al. [Effect of Varying Doses of Epicutaneous Immunotherapy vs Placebo on Reaction to Peanut Protein Exposure Among Patients With Peanut Sensitivity: A Randomized Clinical Trial](#). *JAMA*. 2017 Nov 14;318(18):1798-1809. PMID: 29136445

271. **Sathe M**, Houwen R. [Meconium ileus in Cystic Fibrosis](#). *J Cyst Fibros*. 2017 Nov;16 Suppl 2:S32-S39. PMID: 28986020
272. Scheers I, Palermo JJ, Freedman S, Wilschanski M, Shah U, Abu-El-Haija M, **Barth B**, Fishman DS, Gariepy C, Giefer MJ, Heyman MB, Himes RW, Husain SZ, Lin TK, Liu Q, Lowe M, Mascarenhas M, Morinville V, Ooi CY, Perito ER, Piccoli DA, Pohl JF, Schwarzenberg SJ, **Troendle D**, et al. [Autoimmune Pancreatitis in Children: Characteristic Features, Diagnosis, and Management](#). *Am J Gastroenterol* 2017 Oct;112(10):1604-1611. PMID: 28374818
273. Schell JC, Wisidagama DR, Bensard C, Zhao H, Wei P, Tanner J, Flores A, Mohlman J, Sorensen LK, Earl CS, Olson KA, Miao R, Waller TC, Delker D, Kanth P, Jiang L, **DeBerardinis RJ**, et al. [Control of intestinal stem cell function and proliferation by mitochondrial pyruvate metabolism](#). *Nat Cell Biol* 2017 Sep;19(9):1027-1036. PMID: 28812582
274. **Scheuerle AE**. [Some Intensification and Refining](#). *J Craniofac Surg* 2017;28:308. PMID: 28060101
275. Schindel DT, Twickler D, **Frost N**, et al. [Prognostic significance of an antenatal magnetic resonance imaging staging system on airway outcomes of fetal craniofacial venolymphatic malformations](#). *J Surg Res* 2017 Sep;217:187-190. PMID: 28583755
276. Schlomer BJ, Keays MA, Grimsby GM, Granberg CF, DaJusta DG, Menon VS, Ostrov L, Sheth KR, Hill M, Sanchez EJ, Harrison CB, Jacobs MA, Huang R, Burgu B, **Hennes H**, et al. [Trans-scrotal Near Infrared Spectroscopy as a Diagnostic Test for Testis Torsion in Pediatric Acute Scrotum: A Prospective Comparison to Gold Standard Diagnostic Test Study](#). *J Urol* 2017 Sep;198(3):694-701 PMID: 28392394
277. Schwarzenberg SJ, Ling SC, Cloonan YK, Lin HS, Evon DM, Murray KF, **Rodriguez-Baez N**, et al. [Health-related Quality of Life in Pediatric Patients With Chronic Hepatitis B Living in the United States and Canada](#). *J Pediatr Gastroenterol Nutr* 2017;64:760-9. PMID: 28169971
278. Scott DA, Hernandez-Garcia A, Azamian MS, Jordan VK, Kim BJ, Starkovich M, Zhang J, Wong LJ, Darilek SA, Breman AM, Yang Y, Lupski JR, Jiwani AK, **Das B**, et al. [Congenital heart defects and left ventricular non-compaction in males with loss-of-function variants in NONO](#). *J Med Genet* 2017;54:47-53. PMID: 27550220
279. Seibel NL, Janeway K, Allen CE, Chi SN, Cho YJ, Glade Bender JL, Kim A, **Laetsch TW**, et al. [Pediatric oncology enters an era of precision medicine](#). *Curr Probl Cancer* 2017;41:194-200. PMID: 28343740
280. Selamet Tierney ES, McElhinney DB, Freud LR, Tworetzky W, Cuneo BF, Escobar-Diaz MC, **Ikemba C**, et al. [Assessment of Progressive Pathophysiology After Early Prenatal Diagnosis of the Ebstein Anomaly or Tricuspid Valve Dysplasia](#). *Am J Cardiol* 2017;119:106-11. PMID: 27793395
281. Seth S, Khan DA. The Comparative Safety of Multiple Alternative Agents in Refractory Chronic Urticaria Patients Seth S, **Khan DA**. [The Comparative Safety of Multiple Alternative Agents in Refractory Chronic Urticaria Patients](#). *J Allergy Clin Immunol Pract*. 2017 Jan - Feb;5(1):165-170.e2. PMID: 27746265
282. Shaikh F, Cullen JW, Olson TA, Pashankar F, Malogolowkin MH, **Amatruda JF**, et al. [Reduced and Compressed Cisplatin-Based Chemotherapy in Children and Adolescents With Intermediate-Risk Extracranial Malignant Germ Cell Tumors: A Report From the Children's Oncology Group](#). *J Clin Oncol* 2017;35:1203-10. PMID: 28240974
283. Shankaran S, Laptook AR, Pappas A, McDonald SA, Das A, Tyson JE, Poindexter BB, Schibler K, Bell EF, **Heyne RJ**, Pedroza C, Bara R, Van Meurs KP, Huitema CMP, Grisby C, Devaskar U, Ehrenkranz RA, Harmon HM, **Chalak LF**, et al. [Effect of Depth and Duration of Cooling on Death or Disability at Age 18 Months Among Neonates With Hypoxic-Ischemic Encephalopathy: A Randomized Clinical Trial](#). *JAMA* 2017;318:57-67. PMID: 28672318
284. Sheehan JW, Pritchard M, **Heyne RJ**, Brown LS, **Jaleel MA**, Engle WD, Burchfield PJ, **Brion LP**. [Severe intraventricular hemorrhage and withdrawal of support in preterm infants](#). *J Perinatol* 2017;37:441-7. PMID: 27977011

285. Sheibani L, Lechuga TJ, Zhang H, Hameed A, Wing DA, Kumar S, **Rosenfeld CR**, et al. [Augmented H2S production via cystathionine-beta-synthase upregulation plays a role in pregnancy-associated uterine vasodilation](#). *Biol Reprod* 2017;96:664-72. PMID: 28339573
286. Shi X, Tasdogan A, Huang F, Hu Z, Morrison SJ, **DeBerardinis RJ**. [The abundance of metabolites related to protein methylation correlates with the metastatic capacity of human melanoma xenografts](#). *Sci Adv* 2017 Nov 1;3(11):eaao5268. PMID: 29109980
287. Sills MR, Hall M, Cutler GJ, Colvin JD, Gottlieb LM, Macy ML, Bettenhausen JL, **Morse RB**, et al. [Adding Social Determinant Data Changes Children's Hospitals' Readmissions Performance](#). *J Pediatr* 2017 Jul;186:150-157.e1. PMID: 28476461
288. Silvers MA, Deja S, Singh N, Egnatchik RA, Sudderth J, Luo X, Beg MS, Burgess SC, **DeBerardinis RJ**, Boothman DA, Merritt ME. [The NQO1 bioactivatable drug, \$\beta\$ -lapachone, alters the redox state of NQO1+ pancreatic cancer cells, causing perturbation in central carbon metabolism](#). *J Biol Chem* 2017 Nov 3;292(44):18203-18216. PMID: 28916726
289. **Simms-Waldrup TR**, Sunkersett G, Coughlin LA, Savani MR, Arana C, Kim J, Kim M, Zhan X, Greenberg DE, Xie Y, Davies SM, **Koh AY**. [Antibiotic-Induced Depletion of Anti-inflammatory Clostridia Is Associated with the Development of Graft-versus-Host Disease in Pediatric Stem Cell Transplantation Patients](#). *Biol Blood Marrow Transplant* 2017;23:820-9. PMID: 28192251
290. Sinnott SE, **Gray SJ**. [Recent endeavors in MECP2 gene transfer for gene therapy of Rett syndrome](#). *Discov Med* 2017 Oct;24(132):153-159. PMID: 29272692
291. Sinnott SE, Hector RD, Gadalla KKE, Heindel C, Chen D, Zaric V, Bailey MES, Cobb SR, **Gray SJ**. [Improved MECP2 Gene Therapy Extends the Survival of MeCP2-Null Mice without Apparent Toxicity after Intracisternal Delivery](#). *Mol Ther Methods Clin Dev* 2017 Apr 19;5:106-115. PMID: 28497072
292. **Sirsi. D**, Armstrong. D, Munoz. J, Redondo-Doan. B, Park. J. [SYN1 Gene Mutation in a Child with Focal Epilepsy and Reflex Bathing Seizures](#). *J Pediatr Epilepsy* 2017; 06(02): 119-124.
293. Slomine BS, Nadkarni VM, Christensen JR, Silverstein FS, Telford R, Topjian A, **Koch JD**, Sweney J, Fink EL, Mathur M, Holubkov R, Dean JM, Moler FW; [Therapeutic Hypothermia after Pediatric Cardiac Arrest THAPCA Trial Investigators](#). *Resuscitation*. 2017 Jun; 115:178-184. PMID: 28274812
294. Slomine BS, Nadkarni VM, Christensen JR, Silverstein FS, Telford R, Topjian A, **Koch JD**, et al. [Pediatric cardiac arrest due to drowning and other respiratory etiologies: Neurobehavioral outcomes in initially comatose children](#). *Resuscitation* 2017;115:178-84. PMID: 28274812
295. Solmesky LJ, Khazanov N, Senderowitz H, Wang P, **Minassian BA**, et al. [A novel image-based high throughput screening assay discovers therapeutic candidates for adult polyglucosan body disease](#). *Biochem J* 2017 Sep 28;474(20):3403-3420. PMID: 28827282
296. Sorajja P, Borlaug BA, **Dimas V**, et al. [Executive summary of the SCAI/HFSA clinical expert consensus document on the use of invasive hemodynamics for the diagnosis and management of cardiovascular disease](#). *Catheter Cardiovasc Interv* 2017;89:1294-9. PMID: 28489324
297. Sorajja P, Borlaug BA, **Dimas VV**, et al. [SCAI/HFSA clinical expert consensus document on the use of invasive hemodynamics for the diagnosis and management of cardiovascular disease](#). *Catheter Cardiovasc Interv* 2017;89:E233-E47. PMID: 28489331

298. Starokadomskyy P, **Sifuentes-Dominguez L**, Gemelli T, et al. [Evolution of the skin manifestations of X-linked Pigmentary Reticulate Disorder](#). *Br J Dermatol* 2017 Nov;177(5):e200-e201. PMID: 28407217
299. Steflik D, **Butts RJ**, Baker GH, et al. [A preliminary comparison of two-dimensional speckle tracking echocardiography and pressure-volume loop analysis in patients with Fontan physiology: The role of ventricular morphology](#). *Echocardiography* 2017 Sep;34(9):1353-1359. PMID: 28752570
300. Steward CA, Parker APJ, **Minassian BA**, Sisodiya SM, Frankish A, Harrow J. [Genome annotation for clinical genomic diagnostics: strengths and weaknesses](#). *Genome Med* 2017;9:49. PMID: 28558813
301. Stoller D, Araj F, Amin A, Fitzsimmons C, Morlend R, Thibodeau JT, **Ramaciotti C**, et al. [Implantation of a left ventricular assist device to provide long-term support for end-stage Duchenne muscular dystrophy-associated cardiomyopathy](#). *ESC Heart Fail* 2017;4:379-83. PMID: 28772036
302. Suchy Y, Queen TL, Huntbach B, Wiebe DJ, Turner SL, Butner J, Kelly CS, **White PC**, et al. [Iowa Gambling Task Performance Prospectively Predicts Changes in Glycemic Control among Adolescents with Type 1 Diabetes](#). *J Int Neuropsychol Soc* 2017;23:204-13. PMID: 28065206
303. **Suglia SF**, **Koenen KC**, Boynton-Jarrett R, Chan PS, Clark CJ, Danese A, Faith MS, Goldstein B, Hayman LL, Isasi CR, Pratt CA, Slopen N, Sumner JA, Turer AT, **Turer CB**, Zachariah JP. [Childhood and adolescent adversity and cardio-metabolic outcomes](#). *Circulation* 2017;136(25).
304. Sullivan MA, Nitschke S, Steup M, **Minassian BA**, Nitschke F. [Pathogenesis of Lafora Disease: Transition of Soluble Glycogen to Insoluble Polyglucosan](#). *Int J Mol Sci* 2017;18. PMID: 28800070
305. Swain L, Key G, Tauro A, Ahonen S, Wang P, Ackerley C, **Minassian BA**, et al. [Lafora disease in miniature Wirehaired Dachshunds](#). *PLoS one* 2017;12:e0182024. PMID: 28767715
306. Tanner D, Negaard A, Huang R, Evans N, **Hennes H**. [A Prospective Evaluation of the Accuracy of Weight Estimation Using the Broselow Tape in Overweight and Obese Pediatric Patients in the Emergency Department](#). *Pediatr Emerg Care* 2017 Oct;33(10):675-678. PMID: 27741075
307. Tarasenko TN, Pacheco SE, Koenig MK, Gomez-Rodriguez J, Kapnick SM, Diaz F, Zerfas PM, Barca E, Sudderth J, **DeBerardinis RJ**, et al. [Cytochrome c Oxidase Activity Is a Metabolic Checkpoint that Regulates Cell Fate Decisions During T Cell Activation and Differentiation](#). *Cell Metab* 2017;25:1254-68 e7. PMID: 28591633
308. **Thankavel P**, Jaquiss RDB. [Fontan survival: As good as it gets?](#) *J Thorac Cardiovasc Surg* 2017;154:241-2. PMID: 28434620
309. **Thodeson DM**, Hsieh J. [You Have Brains in Your Head, You Have Organoids in Your Dish, You Can Steer Yourself in any Direction You Wish](#). *Epilepsy Curr* 2017 Sep-Oct;17(5):311-313. PMID: 29225549
310. Tian F, Jenks C, Potter D, **Miles D**, **Raman L**. [Regional Cerebral Abnormalities Measured by Frequency-Domain Near-Infrared Spectroscopy in Pediatric Patients During Extracorporeal Membrane Oxygenation](#). *ASAIO J* 2017;63:e52-e9. PMID: 27922887
311. Tian F, Morriss MC, **Chalak L**, Venkataraman R, Ahn C, Liu H, **Raman L**. [Impairment of cerebral autoregulation in pediatric extracorporeal membrane oxygenation associated with neuroimaging abnormalities](#). *Neurophotonics* 2017;4:041410. PMID: 28840161
312. Tiwari B, Kurtz P, Jones AE, Wylie A, **Amatruda JF**, et al. [Retrotransposons Mimic Germ Plasm Determinants to Promote Transgenerational Inheritance](#). *Curr Biol* 2017 Oct 9;27(19):3010-3016.e3. PMID: 28966088

313. Torres MJ, Romano A, Celik G, Demoly P, Khan DA, et al. [Approach to the diagnosis of drug hypersensitivity reactions: similarities and differences between Europe and North America.](#) *Clin Transl Allergy.* 2017 Mar 13;7:7. PMID: 28293415
314. Townsend JA, Lacour L, Scheuerle AE. [Enamel Pit Defects and Taurodontism in a Patient with Ring Chromosome 14 and 47,XXX.](#) *J Dent Child (Chic)* 2017;84:39-43. PMID: 28387189
315. Troendle DM, Fishman DS, Barth BA, et al. [Therapeutic Endoscopic Retrograde Cholangiopancreatography in Pediatric Patients With Acute Recurrent and Chronic Pancreatitis: Data From the INSPPIRE \(INternational Study group of Pediatric Pancreatitis: In search for a cuRE\) Study.](#) *Pancreas* 2017;46:764-9. PMID: 28609364
316. Troendle DM, Qureshi F. [Endoscopic Closure of Gastric Leak Following Sleeve Gastrectomy in a Pediatric Patient.](#) *J Pediatr Gastroenterol Nutr* 2017 Sep;65(3):e68. PMID: 28267074
317. Turer CB, Barlow SE, Montano S, Flores G. [Discrepancies in Communication Versus Documentation of Weight-Management Benchmarks: Analysis of Recorded Visits with Latino Children and Associated Health-Record Documentation.](#) *Glob Pediatr Health* 2017;4:2333794X16685190. PMID: 28239625
318. Uddin M, Woodbury-Smith M, Chan A, Brunga L, Lamoureux S, Pellecchia G, Yuen RKC, Faheem M, Stavropoulos DJ, Drake J, Hahn CD, Hawkins C, Shlien A, Marshall CR, Turner LA, Minassian BA, Scherer SW, Boelman C. [Germline and somatic mutations in STXBP1 with diverse neurodevelopmental phenotypes.](#) *Neurol Genet* 2017 Dec 18;3(6):e199 PMID: 29264391
319. Vali P, Chandrasekharan P, Rawat M, Gugino S, Koenigsnecht C, Helman J, Jusko WJ, Berkelhamer S, Nair J, Wyckoff MH, et al. [Evaluation of Timing and Route of Epinephrine in a Neonatal Model of Asphyxial Arrest.](#) *J Am Heart Assoc* 2017;6. PMID: 28214793
320. Vali P, Chandrasekharan P, Rawat M, Gugino S, Koenigsnecht C, Helman J, Mathew B, Berkelhamer S, Nair J, Wyckoff M, et al. [Hemodynamics and gas exchange during chest compressions in neonatal resuscitation.](#) *PLoS one* 2017;12:e0176478. PMID: 28441439
321. Valverde I, Tangcharoen T, Hussain T, de Blik H, Penney G, Breeuwer M, Schaeffter T, Razavi R, Greil G. [Magnetic resonance imaging planning in children with complex congenital heart disease - A new approach.](#) *JRSM Cardiovasc Dis* 2017;6:2048004017701870. PMID: 28491295
322. van Engelen A, Silva Vieira M, Rafiq I, Cecelja M, Schneider T, de Blik H, Figueroa CA, Hussain T, et al. [Aortic length measurements for pulse wave velocity calculation: manual 2D vs automated 3D centreline extraction.](#) *J Cardiovasc Magn Reson* 2017;19:32. PMID: 28270208
323. Vander Heiden MG, DeBerardinis RJ. [Understanding the Intersections between Metabolism and Cancer Biology.](#) *Cell* 2017;168:657-69. PMID: 28187287
324. Varni JW, Shulman RJ, Self MM, Nurko S, Saps M, Saeed SA, Patel AS, et al. [Gastrointestinal symptoms predictors of health-related quality of life in pediatric patients with functional gastrointestinal disorders.](#) *Qual Life Res* 2017;26:1015-25. PMID: 27743332
325. Varni JW, Shulman RJ, Self MM, Saeed SA, Patel AS, et al. [Patient Health Communication Mediating Effects Between Gastrointestinal Symptoms and Gastrointestinal Worry in Pediatric Inflammatory Bowel Disease.](#) *Inflamm Bowel Dis* 2017;23:704-11. PMID: 28394807
326. Veeram Reddy SR, Nugent AW, Zellers TM, Dimas VV. [Invasive Hemodynamics of Adult Congenital Heart Disease: From Shunts to Coarctation.](#) *Interv Cardiol Clin* 2017;6:345-58. PMID: 28600089

327. Velasco Forte MN, Nassar M, Byrne N, Silva Vieira M, Perez IV, Ruijsink B, Simpson J, **Hussain T**. [Morphological three-dimensional analysis of papillary muscles in borderline left ventricles](#). *Cardiol Young* 2017;27:1369-76. PMID: 28782496
328. Velasco Forte MN, Pushparajah K, Schaeffter T, Valverde Perez I, Rhode K, Ruijsink B, Alhrishy M, Byrne N, Chiribiri A, Ismail T, **Hussain T**, et al. [Improved passive catheter tracking with positive contrast for CMR-guided cardiac catheterization using partial saturation \(pSAT\)](#). *J Cardiovasc Magn Reson* 2017;19:60. PMID: 28806996
329. Velasco H, Galvis J, Martin AM, Buelvas L, Sanchez J, **Umana LA**, et al. [Genética clínica comunitaria: exploración de patología genética en Boyacá, Colombia](#). *Revista de Salud Pública* 2017;19:32-38.
330. Velasco HM, Sanchez Y, Martin AM, **Umana LA**. [Natural History of Sanfilippo Syndrome Type C in Boyaca, Colombia](#). *J Child Neurol* 2017;32:177-83. PMID: 27733599
331. **Verhalen B**, Dastvan R, Thangapandian S, Peskova Y, Koteiche HA, Nakamoto RK, Tajkhorshid E & Mchaourab HS. [Energy transduction and alternating access of the mammalian ABC transporter P-glycoprotein](#). *Nature*. 2017;543:738-741. PMID: 28289287
332. Vos MB, Abrams SH, **Barlow SE**, et al. [NASPGHAN Clinical Practice Guideline for the Diagnosis and Treatment of Nonalcoholic Fatty Liver Disease in Children: Recommendations from the Expert Committee on NAFLD \(ECON\) and the North American Society of Pediatric Gastroenterology, Hepatology and Nutrition \(NASPGHAN\)](#). *J Pediatr Gastroenterol Nutr* 2017;64:319-34. PMID: 28107283
333. Vos MB, Abrams SH, **Barlow SE**, et al. [Response to the Letters Regarding the North American Society of Pediatric Gastroenterology, Hepatology and Nutrition NAFLD Guidelines](#). *J Pediatr Gastroenterol Nutr*. 2017 Nov;65(5):e115-e116. PMID: 29059122
334. Vos MB, Abrams SH, **Barlow SE**, et al. [Response to Letters Regarding the NASPGHAN NAFLD Guidelines](#). *J Pediatr Gastroenterol Nutr* 2017 Nov;65(5):e115-e116. PMID: 2887247
335. Watterberg KL, Fernandez E, Walsh MC, Truog WE, Stoll BJ, Sokol GM, Kennedy KA, Fraga MV, Beauman SS, Carper B, Das A, Duncan AF, Buss WF, Gauldin C, Lacy CB, Sanchez PJ, Chawla S, Lakshminrusimha S, Cotten CM, Van Meurs KP, Poindexter BB, Bell EF, Carlo WA, Devaskar U, **Wyckoff MH**, et al. [Barriers to enrollment in a randomized controlled trial of hydrocortisone for cardiovascular insufficiency in term and late preterm newborn infants](#). *J Perinatol* 2017 Nov;37(11):1220-1223. PMID: 28880260
336. Weiss SL, Asaro LA, Flori HR, et al, Randomized Evaluation of Sedation Titration for Respiratory Failure (RESTORE) Study Investigators (**Bowens CD**). [Multiple Organ Dysfunction in Children Mechanically Ventilated for Acute Respiratory Failure](#). *Pediatr Crit Care Med* 2017;18:319-29. PMID: 28212163
337. Whiteside W, Tretter JT, Aboulhosn J, Aldoss O, Armstrong AK, Bocks ML, Gillespie MJ, Jones TK, Martin MH, Meadows JJ, Metcalf CM, Turner ME, **Zellers T**, et al. [Acute and Midterm Outcomes of Transcatheter Pulmonary Valve Replacement for Treatment of Dysfunctional Left Ventricular Outflow Tract Conduits in Patients With Aortopulmonary Transposition and a Systemic Right Ventricle](#). *Circ Cardiovasc Interv* 2017;10. PMID: 28851718
338. Willson DF, Hoot M, Khemani R, et al, Ventilator-Associated INfection (VAIN) Investigators and the Pediatric Acute Lung Injury and Sepsis Investigator's (PALISI) Network (**Davila S**). [Pediatric Ventilator-Associated Infections: The Ventilator-Associated INfection Study](#). *Pediatr Crit Care Med* 2017;18:e24-e34. PMID: 27828898
339. **Winick N**, Devidas M, Chen S, et al. [Impact of Initial CSF Findings on Outcome Among Patients With National Cancer Institute Standard- and High-Risk B-Cell Acute Lymphoblastic Leukemia: A Report From the Children's Oncology Group](#). *J Clin Oncol* 2017;JCO2016714774. PMID: 28535084

340. Woldu SL, **Amatruda JF**, Bagrodia A. [Testicular germ cell tumor genomics](#). *Curr Opin Urol* 2017;27:41-7. PMID: 27584029
341. Woldu SL, Aydin AM, Rao AV, Hutchinson RC, Singla N, Clinton TN, Krabbe LM, Passoni NM, Raj GV, Miller DS, **Amatruda JF**, et al. [Differences at Presentation and Treatment of Testicular Cancer in Hispanic Men: Institutional and National Hospital-based Analyses](#). *Urology* 2017 Nov 29. PMID: 29079210
342. **Wolf MT**. [Inherited and acquired disorders of magnesium homeostasis](#). *Curr Opin Pediatr* 2017;29:187-98. PMID: 27906866
343. Wong J, Lamata P, Rathod RH, Bertaud S, Dedieu N, Bellsham-Revell H, Pushparajah K, Razavi R, **Hussain T**, Schaeffter T, Powell AJ, Geva T, **Greil GF**. [Right ventricular morphology and function following stage I palliation with a modified Blalock-Taussig shunt versus a right ventricle-to-pulmonary artery conduit](#). *Eur J Cardiothorac Surg* 2017;51:50-7. PMID: 27422888
344. Wong J, Pushparajah K, de Vecchi A, Ruijsink B, **Greil GF**, **Hussain T**, et al. [Pressure-volume loop-derived cardiac indices during dobutamine stress: a step towards understanding limitations in cardiac output in children with hypoplastic left heart syndrome](#). *Int J Cardiol* 2017;230:439-46. PMID: 28043677
345. Worthmann A, John C, Ruhlemann MC, Baguhl M, Heinsen FA, Schaltenberg N, Heine M, Schlein C, Evangelakos I, **Mineo C**, Fischer M, Dandri M, Kremoser C, Scheja L, Franke A, **Shaul PW**, Heeren J. [Cold-induced conversion of cholesterol to bile acids in mice shapes the gut microbiome and promotes adaptive thermogenesis](#). *Nat Med* 2017 Jul;23(7):839-849. PMID: 28604703
346. **Wright TB**, **Punaro M**. [Paediatric systemic lupus erythematosus: insights from translational research](#). *Rheumatology (Oxford)* 2017;56:i24-i31. PMID: 28375454
347. **Wysocki CA**. [Comparing hemophagocytic lymphohistiocytosis in pediatric and adult patients](#). *Curr Opin Allergy Clin Immunol*. 2017 Dec;17(6):405-413. PMID: 28957822
348. Yang IV, Pedersen BS, Liu AH, O'Connor GT, Pillai D, Kattan M, Misiak RT, **Gruchalla R**, et al. [The nasal methylome and childhood atopic asthma](#). *J Allergy Clin Immunol*. 2017 May;139(5):1478-1488. PMID: 27745942
349. Yang M, **White PC**. [Risk factors for hospitalization of children with congenital adrenal hyperplasia](#). *Clin Endocrinol (Oxf)* 2017;86:669-73. PMID: 28192635
350. Younge N, Goldstein RF, Bann CM, et al, Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network (**Brion LP**, **Rosenfeld CR**, **Heyne RJ**). [Survival and Neurodevelopmental Outcomes among Periviable Infants](#). *N Engl J Med* 2017;376:617-28. PMID: 28199816
351. Zhang Y, Udayakumar D, Cai L, Hu Z, Kapur P, Kho EY, Pavia-Jiménez A, Fulkerson M, de Leon AD, Yuan Q, Dimitrov IE, Yokoo T, Ye J, Mitsche MA, Kim H, McDonald JG, Xi Y, Madhuranthakam AJ, Dwivedi DK, Lenkinski RE, Cadeddu JA, Marquis V, Brugarolas J, **DeBerardinis RJ**, Pedrosa I. [Addressing metabolic heterogeneity in clear cell renal cell carcinoma with quantitative Dixon MRI](#). *JCI Insight* 2017 Aug 3;2(15). PMID: 28768909
352. Zhou BO, Yu H, Yue R, Zhao Z, **Rios JJ**, et al. [Bone marrow adipocytes promote the regeneration of stem cells and haematopoiesis by secreting SCF](#). *Nat Cell Biol* 2017;19:891-903. PMID: 28714970
353. **Zia A**, Russell J, Sarode R, Veeram SR, Josephs S, Malone K, Zhang S, **Journeycake J**. [Markers of coagulation activation, inflammation and fibrinolysis as predictors of poor outcomes after pediatric venous thromboembolism: A systematic review and meta-analysis](#). *Thromb Res* 2017 Dec;160:1-8. PMID: 29078111

Book Chapters

1. Amodeo A, Adoriso R, **Kirk R**, Miyamoto SD. Chronic VAD (Destination & Recovery) Therapy in Pediatrics. In: Lorts A, Schweiger M and Conway J, eds. *ISHLT Monograph Series Pediatric Ventricular Assist Devices. Vol. 11*. Birmingham, AL: UAB Printing. 2017.
2. Babvek S and **Lee MJ**. Subcutaneous Injectable Drugs Hypersensitivity and Desensitization: Insulin and Monoclonal Antibodies. In: Castells MC and Tilles SA, eds. *Drug Hypersensitivity and Desensitizations, an Issue of Immunology and Allergy Clinics of North America, 1e (The Clinics: Internal Medicine)*. Philadelphia, PA, Elsevier; 761-771, 2017.
3. Batra AS, **Zeltser I**. Temporary Pacing in Children. In: Shah M, Rhodes L, Kaltman J, eds. *Cardiac Pacing and Defibrillation in Pediatric and Congenital Heart Disease*. Chichester, UK: John Wiley & Sons Ltd; 195-208. 2017.
4. **Choudhary, A**. Current Concepts in the Management of Hyperthyroidism. In: Secklin U. ed. *Recent Advances in Pediatric Medicine*, 2017, Vol 1,144-159, Chapter 10; Benthan Science Publishers.
5. Genton P, Striano P, **Minassian BA**. The history of progressive myoclonus epilepsies. In: **Minassian BA**, Striano P, Avanzini G, eds. *Progressive Myoclonus Epilepsies: State-of-the-Art*. Montrouge, France: John Libbey Eurotext; 1-10. 2017.
6. **Kirk CR, Butts RJ**. Retransplantation of the Pediatric Heart Recipient. In: Stephen Dunn and Simon Horslen eds. *Organ and Tissue Transplantation: Solid Organ Transplantation in Infants and Children*. Springer International Publishing. 2017
7. **Medina-Centeno R, Sanghavi R**. State of the Art of the Diagnosis and Management of Gastroesophageal Reflux Disease. In: Ulualp S, ed. *Synopsis of Current General Pediatrics Practice*. Bentham Science; 217-230. 2017.
8. **Minassian BA**. Post-modern therapeutic approaches for progressive myoclonus epilepsy. In: **Minassian BA**, Striano P, Avanzini G, eds. *Progressive Myoclonus Epilepsies: State-of-the-Art*. Montrouge, France: John Libbey Eurotext; 199-204. 2017.
9. **Minassian BA**, Striano P, Avanzini G, eds. *Progressive Myoclonus Epilepsies: State-of-the-Art*. Montrouge, France: John Libbey Eurotext. 2017.
10. Mishra R, Daescu O, **Leavey P**, Rakheja D, Sengupta A. Histopathological Diagnosis for Viable and Non-viable Tumor Prediction for Osteosarcoma Using Convolutional Neural Network. In: Cai Z, Daescu O, Li M, eds. *Bioinformatics Research and Verlag; Vol. 10330 LNBI, p. 12-23, 2017 Applications - 13th International Symposium, ISBRA 2017, Proceedings*. Springer
11. Nita DA, Mole SE, **Minassian BA**. Neuronal ceroid lipofuscinoses. In: **Minassian BA**, Striano P, Avanzini G, eds. *Progressive Myoclonus Epilepsies: State-of-the-Art*. Montrouge, France: John Libbey Eurotext; 93-114. 2017.
12. **Nugent AW**. Diagnostic and Therapeutic Cardiac Catheterization. In: Fuhrman BP, Zimmerman JJ, eds. *Pediatric Critical Care*. 5th ed. Philadelphia, PA: Elsevier; 341-351. 2017.
13. Rocha M, **Fuchs J**. Systemic Lupus Erythematosus. In: Gershel JC, Rauch DA, eds. *Caring for the Hospitalized Child: A Handbook of Inpatient Pediatrics. 2nd Ed*. American Academy of Pediatrics; 775-784. 2017.
14. Salmon JE, **Mineo C**, et al. Mechanisms of Antiphospholipid Antibody-Mediated Pregnancy Morbidity. In: Erkan D, Lockshin MD, eds. *Antiphospholipid Syndrome: Current Research Highlights and Clinical Insights*. Springer International Publishing; 117-146. 2017.
15. Turnbull J, Striano P, Genton P, Carpenter S, Ackerley CA, **Minassian BA**. Lafora disease. In: **Minassian BA**, Striano P, Avanzini G, eds. *Progressive Myoclonus Epilepsies: State-of-the-Art*. Montrouge, France: John Libbey Eurotext; 49-78. 2017.

16. **Wetzel DM**, Phillips MA. Chemotherapy of Protozoal Infections. In: Brunton L, ed. **Goodman and Gilman's The Pharmacological Basis of Therapeutics**. 13 ed. New York, NY: McGraw-Hill Medical, 2017: 987-999.
17. **White PC**, Sarafoglou K. Primary Adrenal Insufficiency. In: Sarafoglou K, Hoffmann G, Roth K eds. *Pediatric Endocrinology and Inborn Errors of Metabolism*, 2nd Edition. McGraw Hill 2017; 513-532.