

**Department of Pediatrics
Publication Citations
Feb 10, 2022-March 11, 2022**

Cardiology

- Bailly DK, Alten JA, Gist KM, Mah KE, Kwiatkowski DM, Valentine KM, Diddle JW, Tadphale S, Clarke S, Selewski DT, Banerjee M, Reichle G, Lin P, Gaies M, Blinder JJ. [Fluid Accumulation After Neonatal Congenital Cardiac Surgery; Clinical Implications and Outcomes](#). Ann Thorac Surg. 2022 Mar 1. doi: 10.1016/j.athoracsur.2021.12.078. [Epub ahead of print] PubMed PMID: 35245511.
- Gist KM, Gaies MG, Banerjee M, Alten JA. [The authors reply](#). Crit Care Med. 2022 Mar 1;50(3):e325-e326. doi: 10.1097/CCM.00000000000005410. PubMed PMID: 35191882.
- Peng DM, Shezad MF, Lorts A, Gajarski RJ, VanderPluym C, Murray JM, Hawkins B, Villa CR, Zafar F, Rosenthal DN. [Decreased Risk of Strokes in Children with Ventricular Assist Devices Within ACTION](#). Pediatr Cardiol. 2022 Mar 5. doi: 10.1007/s00246-022-02863-7. [Epub ahead of print] PubMed PMID: 35247057.
- Watkins KJ, Zampi JD, Lowery R, Yu S, Owens ST, Romano JC, Schumacher KR. [Native Aortic Root Thrombosis in Single-Ventricle Patients with Native-to-Neo-aortic Anastomoses](#). Pediatr Cardiol. 2022 Feb 18. doi: 10.1007/s00246-022-02845-9. [Epub ahead of print] PubMed PMID: 35181799.

CHEAR

- Avanceña ALV, Prosser LA. [Innovations in cost-effectiveness analysis that advance equity can expand its use in health policy](#). BMJ Glob Health. 2022 Feb;7(2). doi: 10.1136/bmjgh-2021-008140. PubMed PMID: 35173023; PubMed Central PMCID: PMC8852660.
- Barbaro RP, MacLaren G, Annich GM, Sweet SC. [Bridging Children to Lung Transplantation Using Extracorporeal Membrane Oxygenation](#). Ann Am Thorac Soc. 2022 Mar;19(3):357-359. doi: 10.1513/AnnalsATS.202112-1325ED. PubMed PMID: 35230226.
- Brodie D, Abrams D, MacLaren G, Brown CE, Evans L, Barbaro RP, Calfee CS, Hough CL, Fowles JA, Karagiannidis C, Slutsky AS, Combes A. [ECMO During Respiratory Pandemics: Past, Present, and Future](#). Am J Respir Crit Care Med. 2022 Feb 25. doi: 10.1164/rccm.202111-2661CP. [Epub ahead of print] PubMed PMID: 35213298.
- Chow AJ, Iverson R, Lamoureux M, Tingley K, Jordan I, Pallone N, Smith M, Al-Baldawi Z, Chakraborty P, Brehaut J, Chan A, Cohen E, Dyack S, Gillis LJ, Goobie S, Graham ID, Greenberg CR, Grimshaw JM, Hayeems RZ, Jain-Ghai S, Jolly A, Khangura S, MacKenzie JJ, Major N, Mitchell JJ, Nicholls SG, Pender A, Potter M, Prasad C, Prosser LA, Schulze A, Siriwardena K, Sparkes R, Speechley K, Stockler S, Taljaard M, Teitelbaum M, Trakadis Y, van Karnebeek C, Walia JS, Wilson BJ, Wilson K, Potter BK. [Families' healthcare experiences for children with inherited metabolic diseases: protocol for a mixed methods cohort study](#). BMJ Open. 2022 Feb 22;12(2):e055664. doi: 10.1136/bmjopen-2021-055664. PubMed PMID: 35193919.
- Chua KP, Conti RM, Becker NV. [Trends in and Factors Associated With Out-of-Pocket Spending for COVID-19 Hospitalizations From March 2020 to March 2021](#). JAMA Netw Open. 2022 Feb 1;5(2):e2148237. doi: 10.1001/jamanetworkopen.2021.48237. PubMed PMID: 35157059; PubMed Central PMCID: PMC8845007.
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Critical Care Medicine (Intensive Care)

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- A, Harrison R, Dalton H, Zuppa AF. [Anticoagulation practices associated with bleeding and thrombosis in pediatric extracorporeal membrane oxygenation; a multi-center secondary analysis.](#) *Perfusion*. 2022 Feb 27;2676591211056562. doi: 10.1177/02676591211056562. [Epub ahead of print] PubMed PMID: 35220828.
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 - Brodie D, Abrams D, MacLaren G, Brown CE, Evans L, Barbaro RP, Calfee CS, Hough CL, Fowles JA, Karagiannidis C, Slutsky AS, Combes A. [ECMO During Respiratory Pandemics: Past, Present, and Future.](#) *Am J Respir Crit Care Med*. 2022 Feb 25. doi: 10.1164/rccm.202111-2661CP. [Epub ahead of print] PubMed PMID: 35213298.
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Developmental Behavioral Pediatrics

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- Kim D, Howard AG, Blanco E, Burrows R, Correa-Burrows P, Memili A, Albala C, Santos JL, Angel B, Lozoff B, Justice AE, Gordon-Larsen P, Gahagan S, North KE. [Dynamic relationships between body fat and circulating adipokine levels from adolescence to young adulthood: The Santiago Longitudinal Study.](#) *Nutr Metab Cardiovasc Dis*. 2022 Jan 7. doi: 10.1016/j.numecd.2022.01.001. [Epub ahead of print] PubMed PMID: 35181188.
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Endocrinology

- Carlson Z, Hafner H, Habbal NE, Harman E, Liu S, Botezatu N, Alharastani M, Rivet C, Reynolds H, Both N, Sun H, Bridges D, Gregg B. [Short Term Changes in Dietary Fat Content and Metformin Treatment During Lactation Impact Milk Composition and Mammary Gland Morphology.](#) *J Mammary Gland Biol Neoplasia*. 2022 Feb 9. doi: 10.1007/s10911-022-09512-y. [Epub ahead of print] PubMed PMID: 35137304.
- Wolf RM, Noor N, Izquierdo R, Jett D, Rewers A, Majidi S, Sheanon N, Breidbart E, Demeterco-Berggren C, Lee JM, Kamboj MK, Ebekozien O. [Increase in newly diagnosed type 1 diabetes in youth during the COVID-19 pandemic in the US: A multi-center analysis.](#) *Pediatr Diabetes*. 2022 Feb 25. doi: 10.1111/pedi.13328. [Epub ahead of print] PubMed PMID: 35218124.

Hematology/Oncology

- Cantor E, Wierzbicki K, Tarapore RS, Ravi K, Thomas C, Cartaxo R, Yadav VN, Ravindran R, Bruzek AK, Wadden J, John V, Babila CM, Cummings JR, Kawakibi AR, Ji S, Ramos J, Paul A, Walling D, Leonard M, Robertson P, Franson A, Mody R, Garton HJL, Venetti S, Odia Y, Kline C, Vitanza NA, Khatua S, Mueller S, Allen JE, Gardner S, Koschmann C. [Serial H3K27M cell-free tumor DNA \(cf-tDNA\) tracking predicts ONC201 treatment response and progression in diffuse midline glioma.](#) *Neuro Oncol*. 2022 Feb 6. doi:10.1093/neuonc/noac030. [Epub ahead of print] PubMed PMID: 35137228.
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O'Brien TA, Place AE, Shaw PH, Ziegler DS, Wayne A, Bhojwani D, Burke MJ. [Decitabine and vorinostat with FLAG chemotherapy in pediatric relapsed/refractory AML: Report from the therapeutic advances in childhood leukemia and lymphoma \(TACL\) consortium.](#) Am J Hematol. 2022 Feb 18. doi: 10.1002/ajh.26510. [Epub ahead of print] PubMed PMID: 35180323.

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Infectious Diseases

- O'Leary MK, Sundaram V, LiPuma JJ, Dörr T, Westblade LF, Alabi CA. [Mechanism of Action and Resistance Evasion of an Antimicrobial Oligomer against Multidrug-Resistant Gram-Negative Bacteria.](#) ACS Appl Bio Mater. 2022 Feb 15. doi: 10.1021/acsbam.1c01217. [Epub ahead of print] PubMed PMID: 35167257.

Neurology

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Psychology

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Pulmonary Medicine

- Cui TX, Brady AE, Zhang YJ, Fulton CT, Popova AP. [Gelsolin Attenuates Neonatal Hyperoxia-Induced Inflammatory Responses to Rhinovirus Infection and Preserves Alveolarization.](#) Front Immunol. 2022;13:792716. doi: 10.3389/fimmu.2022.792716. eCollection 2022. PubMed PMID: 35173718; PubMed Central PMCID: PMC8842948.
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Externally Funded (new) Awards
 (New/Competitive Renewals/Resubmissions)
recent notifications not previously published

Faculty	Pediatrics Division	Sponsor	Title	Project Period
Adler, Jeremy	Gastroenterology/ CHEAR	University of North Carolina at Chapel Hill/ Helmsley, The Leona M. and Harry B. Charitable	<i>COVID-19 Vaccine Effectiveness in Patients with IBD (PREVENT-COVID)</i>	3/1/2021-2/28/2023
Clark, Sarah	CHEAR	Henry Ford Health System/ DHHS-NIH subcontract	<i>Enhancing Digital CBT-I to Improve Adherence and Reduce Disparities</i>	9/20/2021-8/31/2026
Gipson, Debbie (PI: Kretzler)	Nephrology (IM-Nephrology)	Travere Therapeutics, Inc.	<i>Assessing Epidemiological Impact of FSGS & IgAN Disease Progression</i>	2/15/2022-2/14/2023
Gipson, Debbie	Nephrology	Roche Products Limited	<i>Gazyva Obinutuzumab Immunology Childhood-onset Idiopathic Nephrotic Syndrome</i>	1/31/2022-12/31/2024
Kaciroti, Niko (PI: Dasilva)	Pediatrics (DENT Prosthodontics)	DHHS-NIH	<i>Investigation and Modulation of the Central Mu-Opioid Mechanism in Migraine (in vivo)</i>	12/15/2021-11/30/2026
Koschmann, Carl	Hematology/ Oncology	University of California-San Francisco/ Chad Tough Foundation	<i>Open label Phase 1 and Target Validation study of ONC206 in Children and Young Adults with Newly Diagnosed or Recurrent Diffuse Midline Glioma (DMG), and Other Recurrent Primary Malignant Brain Tumors</i>	2/1/2022-6/30/2025
Koschmann, Carl	Hematology/ Oncology	Blueprint Medicines Corporation	<i>A Phase 1/2, Multicenter, Open-label, Single-arm Study to Evaluate the Safety, Pharmacokinetics, and Antitumor Activity of Avapritinib in Pediatric Patients with Relapsed/Refractory Solid Tumors Harboring a Mutation in KIT or PDGFRA</i>	12/22/2021-12/31/2031
Koschmann, Carl	Hematology/ Oncology	Pediatric Brain Tumor Foundation	<i>Low-Cost, Rapid and Accurate Molecular Diagnostics For Pediatric High-Grade Glioma</i>	2/15/2022-2/14/2023
Pipe, Steven	Hematology/ Oncology	University of Iowa/ American Thrombosis & Hemostasis Network	<i>DREAM Award: Elucidating the age-dependent variation of clinical and laboratory phenotype of hemophilia carriers along with prescription trends of hemostatic therapies- Analysis of the ATHN dataset</i>	6/15/2021-6/15/2022
Pipe, Steven	Hematology/ Oncology	BioMarin Pharmaceutical Inc.	<i>Biomarin_Scope of Work # 11</i>	2/1/2022-1/31/2023
Pipe, Steven	Hematology/ Oncology	BioMarin Pharmaceutical Inc.	<i>Biomarin SOW #9</i>	1/13/2022-12/31/2022
Pipe, Steven	Hematology/ Oncology	BioMarin Pharmaceutical Inc.	<i>Biomarin_Scope of Work # 12</i>	1/27/2022-1/26/2023
Pipe, Steven	Hematology/ Oncology	BioMarin Pharmaceutical Inc.	<i>Biomarin_Scope of Work # 10</i>	1/18/2022-2/1/2023
Singh, Sharon	Hematology/ Oncology	DHHS-NIH	<i>The role of Rpl5 haploinsufficiency in hematopoietic stem/progenitor cell function in Diamond Blackfan anemia</i>	3/1/2022-2/28/2027