

## 2021 Pediatric Research Symposium - Abstracts

Abstract #	Award *	Author	Abstract Title	Abstract Category
13		Ardila, Silvia	INCREASED INTERLEUKIN-8 LEVELS AND INTERLEUKIN-1 RECEPTOR ANTAGONIST ARE ASSOCIATED WITH ORGAN SYSTEM FAILURES IN CRITICALLY ILL CHILDREN	CI
14		Balk, Julie	CLINICAL CHARACTERISTICS, TREATMENT PATTERNS AND OUTCOMES OF CHILDREN AND ADULTS WITH BIOPSY PROVEN MINIMAL CHANGE DISEASE FROM THE CURE GLOMERULONEPHROPATHY NETWORK STUDY (CureGN)	CI
1		Bentley, John Kelley	Development of a mouse model of human coronavirus NL63 (HCoV-NL63) infection.	BS
47		Berry, Zane	MUSLIM PEDIATRIC FASTING PRACTICES AMONG DIABETIC CHILDREN: A MIXED METHOD APPROACH	CI
48		Birnbaum, Richard	PARENT ACCEPTANCE OF PEDIATRIC INTEGRATED CARE SURVEY REVISED: RESEARCH IN-PROGRESS	HSR
2		Breen, Paul	Itaconate inhibits the growth of Nontuberculous Mycobacterium	BS
56		Broome, Taylor	PEDIATRIC CROSS-COVER EMERGENCIES CURRICULUM	QI
15		Bunke, Carissa	A Survey of Camp Leadership to Assess Immunization Requirements, Policies and Practices in a National Cohort of Summer Camps	CI
16		Cantor, Evan	Serial plasma and CSF cell-free tumor DNA (cf-tDNA) tracking in diffuse midline glioma patients undergoing treatment with ONC201	CI
17		Chan-Zlatopolsky, Krystal	ASSOCIATION BETWEEN NUMBER OF ADVERSE CHILDHOOD EXPERIENCES, ACADEMIC ACHIEVEMENT, AND EMOTION REGULATION AT KINDERGARTEN IN A NATIONALLY REPRESENTATIVE SAMPLE	CI
18		Charpie, Christine	PSYCHOLOGICAL FUNCTIONING IN PEDIATRIC PATIENTS WITH SINGLE VENTRICLE CONGENITAL HEART DISEASE: A META-ANALYSIS AND SYSTEMATIC REVIEW	CI
57		Chouaib, Rana	MEASURING ADHERENCE TO PEDIATRIC OTITIS MEDIA GUIDELINES IN THE MICHIGAN MEDICINE EMERGENCY DEPARTMENT	QI
3		Cui, Tracy	GELSOLIN ATTENUATES NEONATAL HYPEROXIA-INDUCED PULMONARY INFLAMMATION AND HYPOALVEOLARIZATION: IMPLICATIONS FOR NOVEL TREATMENT OF BPD	BS
4	*	Diamant, Aristides	Identification of cell-specific transcripts in brain regions important for energy homeostasis	BS
5		Elkin, Elana	TRANSCRIPTIONAL PROFILING OF THE RESPONSE TO THE TRICHLOROETHYLENE METABOLITE S (1,2 DICHLOROVINYL) L CYSTEINE REVEALED ACTIVATION OF THE EIF2A/ATF4 INTEGRATED STRESS RESPONSE IN TWO IN VITRO PLACENTAL MODELS	BS
19		Fisher, Jacqueline	Measles Mumps Rubella (MMR) Vaccine Uptake During 2019 Measles Outbreak in Michigan	CI

### 2021 Pediatric Research Symposium - Abstracts

Abstract #	Award *	Author	Abstract Title	Abstract Category
13		Ardila, Silvia	INCREASED INTERLEUKIN-8 LEVELS AND INTERLEUKIN-1 RECEPTOR ANTAGONIST ARE ASSOCIATED WITH ORGAN SYSTEM FAILURES IN CRITICALLY ILL CHILDREN	CI
20		Fretz, Emily	Epidemiology of Hospitalizations for Asthma in Children in the United States 2006 - 2016	CI
21		Gabrial, Mariam	LACK OF ASSOCIATION BETWEEN DELIRIUM AND UNPLANNED EXTUBATIONS: A CASE-CONTROL STUDY	CI
22		Gipson, Debbie	PRECISION MEDICINE PROOF OF CONCEPT FOR TNF INHIBITION IN FSGS AND TREATMENT RESISTANT MINIMAL CHANGE DISEASE	CI
23		Gruppen, Larry	PARENTAL DECISION-MAKING IN PEDIATRICS: HEALTHCARE PROVIDERS' PERSPECTIVES & ROLES	CI
24		Holleran, Evan	RESPIRATORY FAILURE AND SHOCK IN A 7-MONTH-OLD BOY	CI
25		Ismail, Malak	Pediatric Vaccination Habits among Arab Americans in Southeastern Michigan	CI
26		Jary, Jessica	EFFECTS OF THE COVID-19 PANDEMIC ON INPATIENT ADMISSIONS AMONG ADOLESCENTS WITH RESTRICTIVE EATING DISORDERS	CI
27		Kline, Noah	Prevalence of Congenital Heart Disease in Infants with Congenital Cytomegalovirus Infection at a Tertiary Pediatric Hospital	CI
28		Leopold, Kay	CHARACTERISTICS OF PEDIATRIC PATIENTS WITH CANDIDEMIA AND RISK FACTORS FOR DISSEMINATED CANDIDIASIS	CI
12	*	Ludwig, Amy	ASTHMA IS ASSOCIATED WITH AN INCREASED RISK OF POOR OUTCOMES IN HOSPITALIZED PATIENTS WITH COVID-19	CI
11		Magnani, Jessie	RETHINKING THE RETINOPATHY OF PREMATURITY EXAMINATION: QUANTITATIVE ANALYSIS OF VEGF IN INFANT TEARS AS A BIOMARKER	CI
49		Murphey, Annie	TRANSGENDER HEALTHCARE PERCEPTIONS SHARED THROUGH SOCIAL MEDIA	HSR
50		Ng, Sophia	PATTERNS OF PRIMARY CARE, SPECIALTY CARE, AND PREVENTIVE SERVICE USE AMONG PRIVATELY INSURED CHILDREN WITH SICKLE CELL ANEMIA	HSR
29		Ngo, Sandra	INITIAL IMPACT OF COVID-19 PANDEMIC ON PEDIATRIC ONCOLOGY CARE AND OVERALL EXPERIENCES	CI
30		Nydes, Mara	Bilateral Pelvic Osteitis and Premature Epiphyseal Closure in Relation to Systemic Isotretinoin use in a Teenage Multi-Sport Athlete	CI
31		Orringer, Kelly	BILIBLANKET UTILIZATION FOR OUTPATIENT TREATMENT OF NEWBORN JAUNDICE	CI
58		Orringer, Kelly	Infant Safe Sleep Anticipatory Guidance in Pediatric Primary Care	QI

## 2021 Pediatric Research Symposium - Abstracts

Abstract #	Award *	Author	Abstract Title	Abstract Category
13		Ardila, Silvia	INCREASED INTERLEUKIN-8 LEVELS AND INTERLEUKIN-1 RECEPTOR ANTAGONIST ARE ASSOCIATED WITH ORGAN SYSTEM FAILURES IN CRITICALLY ILL CHILDREN	CI
32		Painter, Natalia	Assessment of a procedural curriculum using 3D printed airways to teach pediatric flexible bronchoscopy	CI
51	*	Patel, Pooja	PROVIDERS OF AMBULATORY HEALTHCARE IN CHILDREN AND ADOLESCENTS WITH SICKLE CELL ANEMIA	HSR
6		Peltier, Daniel	LINC00402 IS A NOVEL REGULATOR OF ALLOGENEIC T CELL FUNCTION AND T CELL RECEPTOR SIGNAL TRANSDUCTION	BS
52	*	Peng, Hannah	Using State Public Health Data to Identify Persons Potentially Eligible for the Flint Registry	HSR
53		Phelps, Kayla	THE ASSOCIATION OF SOCIOECONOMIC STATUS AND PEDIATRIC SEPSIS OUTCOMES	HSR
59	*	Pliakas, Maria	Improving the efficacy of the rapid response team (RRT)	QI
7	*	Pontius, Hao Hao	MAGNETICALLY POWERED MICROWHEEL THROMBOLYSIS OF OCCLUSIVE THROMBI IN ZEBRAFISH	BS
60		Pritz, Benjamin	Use of Resident-Prepared Chalk Talks to Enhance Medical Student Education	QI
33		Qussous, Khaleel	Prospective Study of Cystic Fibrosis Patients by Microbiologic Evaluation, Lung MRI Technology and Clinical Measures Using LCI	CI
61		Raglow, Zoe	Development of guidelines for pediatric blood culture volume at the University of Michigan	QI
34		Rannefors, Rachel	VACCINE ATTITUDES AND HOSPITALIZATION IN PEDIATRICS	CI
8		Ratner, Samantha	SepM protease activates the blp encoded peptide pheromone in Streptococcus pneumoniae.	BS
35	*	Razoky, Sara	Standard vs. high-risk bronchiolitis management and treatment effectiveness prior to new clinical practice guideline	CI
62	*	Reynolds, Lyndsey	Improving Patient Safety for Patients with Type 1 Diabetes on Diluted Insulin: Supporting Nurse and Resident Education	QI
36		Roberts, Holly	COMPARISON OF TARGETED AGENTS SELECTED BY THE CNS TAP TOOL VERSUS A MOLECULARLY- DRIVEN TUMOR BOARD	CI
37		Roberts, Katelyn	Oral Feeding as a Predictor of Outcomes After Neonatal Seizures-A Neonatal Seizure Registry Study	CI
63		Rompca, Annemarie	SCREENING FOR CELIAC DISEASE IN PATIENTS NEWLY DIAGNOSED WITH TYPE 1 DIABETES - AN INSTITUTIONAL REVIEW	QI
64		Sahloul, Eman	PHYSICIAN SURVEY REGARDING PEDIATRIC MUSLIM FASTING IN MICHIGAN	QI
38		Sengupta, Shayan	The Impact of Hemolysis on Vaccine Response in Sickle Cell Disease	CI

## 2021 Pediatric Research Symposium - Abstracts

Abstract #	Award *	Author	Abstract Title	Abstract Category
13		Ardila, Silvia	INCREASED INTERLEUKIN-8 LEVELS AND INTERLEUKIN-1 RECEPTOR ANTAGONIST ARE ASSOCIATED WITH ORGAN SYSTEM FAILURES IN CRITICALLY ILL CHILDREN	CI
61		Sharp, Meredith	Development of guidelines for pediatric blood culture volume at the University of Michigan	QI
39		Sill, Jordan	PRE-OPERATIVE NUTRITIONAL MARKERS AS PREDICTORS OF POST-OPERATIVE NUTRITIONAL STATUS, LOS, AND READMISSION RATES IN PEDIATRIC PATIENTS UNDERGOING HEART TRANSPLANT	CI
40		Simon, Christine	The Health Economic Impact of Nephrotic Syndrome in the United States	CI
41		SLIWICKI, ALEX	The Devil is in The Details: Shock as a result of Macrophage Activation Syndrome in the setting of Systemic Lupus Erythematosus	CI
65		Smith, Erica	PATIENT UNDERSTANDING AND PERSPECTIVES OF ANTIBIOTICS AND ANTIBIOTIC RESISTANCE FOLLOWING HOSPITAL DISCHARGE	QI
66		Stoody, Vishvanie	LESSONS FROM THE FIELD: CHALLENGES OF INITIATING A HUMAN TRAFFICKING PROTOCOL IN SCHOOL-BASED HEALTH CENTERS	QI
42		Suorsa-Johnson, Kristina	INFORMED CONSENT FOR UROGENITAL SURGERY IN PEDIATRIC DIFFERENCES OF SEX DEVELOPMENT: A PROVIDER PERSPECTIVE	CI
67		Tarun, Samiksha	Assessing barriers to Care and Opportunities for Improvement in the Care of Patients Awaiting Inpatient Placement in the ED	QI
68		VanOmen, Sheri	Assessing the Accuracy of Cord Blood Cultures in Asymptomatic, Term Infants	QI
54		Villegas, Juliet	UNDERSTANDING THE FAST FOOD EATING HABITS AND CULTURAL TAILORING PREFERENCES OF HISPANIC YOUTH	HSR
69		Wadden, John	DEVELOPMENT OF ULTRA-RAPID SEQUENCING-BASED ASSAYS FOR INTRA-OPERATIVE H3K27M MUTATION STATUS DETECTION	BS
43	*	Warwick, Rebecca	TRANSGENDER YOUTHS' SEXUAL HEALTH AND EDUCATION: A QUALITATIVE ANALYSIS	CI
10		Weinberg, Jason	INFLUENCES OF THE MICROBIOME ON DEVELOPMENT OF IMMUNOPROTEASOME ACTIVITY	BS
44		Wilson, Kate	Provider Testing Practices for Congenital Cytomegalovirus: Consistently Inconsistent	CI
45		Wilson, Steven	Outcomes after Myectomy and Mitral Valve Repair in Hypertrophic Cardiomyopathy	CI
46		Wytiaz, Victoria	Variations in Objective Knowledge Among Decision Support Persons of Patients with Early Stage Breast Cancer	CI
9		Yadav, Vivekanand	ID1 is a key transcriptional regulator of DIPG invasion and is targetable with cannabidiol.	BS

**2021 Pediatric Research Symposium - Abstracts**

<b>Abstract #</b>	<b>Award *</b>	<b>Author</b>	<b>Abstract Title</b>	<b>Abstract Category</b>
13		Ardila, Silvia	INCREASED INTERLEUKIN-8 LEVELS AND INTERLEUKIN-1 RECEPTOR ANTAGONIST ARE ASSOCIATED WITH ORGAN SYSTEM FAILURES IN CRITICALLY ILL CHILDREN	CI
55	*	Zakutansky, Stephani	COMPARING MORTALITY OUTCOMES IN YOUNG ADULTS WITH SEVERE SEPSIS ADMITTED TO PICUS VERSUS MICUS	HSR