

2022 Pediatric Research Symposium - Abstracts by #

Abstract #	Author	Abstract Title	Category
1	Thornton, Christina	Airway Bacterial Community Composition in Persons with Advanced Cystic Fibrosis Lung Disease	BS
2	Goldman, Joshua	ETV6 DEFICIENCY AND MICROSATELLITE ENHANCERS DRIVE TRANSCRIPTIONAL DYSREGULATION IN B-LYMPHOBLASTIC LEUKEMIA	BS
3	Weinberg, Jason	IMMUNOPROTEASOME ACTIVITY IS REQUIRED FOR HOST DEFENSE AGAINST MURINE CORONAVIRUS RESPIRATORY INFECTION	BS
4	Skidmore, Jennifer	CHD7, the causative gene for CHARGE syndrome, represses the transcription factor LHX1 to promote inner ear development	BS
5	Loughman, Anna	Methods and Strategies to Modulate Expression of SCN1A for treatment of Dravet Syndrome	BS
6	Bentley, John Kelley	RHINOVIRUS-A1B DECREASES CORONAVIRUS NL63 REPLICATION AND INFLAMMATION IN HUMAN ACE2-EXPRESSING MICE.	BS
7	Ritter, Elaine	HYPERMYELINATION OF CRANIAL NERVE VIII IN A MOUSE MODEL OF CHARGE SYNDROME	BS
8	Diamant, Aristides	IDENTIFICATION OF SINGLE NUCLEUS RNA TRANSCRIPTS IN BRAIN REGIONS CRITICAL FOR ENERGY HOMEOSTASIS	BS
9	Breckenridge, Haley	AIRWAY TUFT/BRUSH CELLS ARE REQUIRED FOR EXAGGERATED TYPE 2 INFLAMMATION AND MUCOUS METAPLASIA IN IMMATURE MICE UNDERGOING HETEROLOGOUS RHINOVIRUS INFECTION.	BS
10	Gao, Jingxia	SOX2 AND CHD7 COOPERATE TO REGULATE DEVELOPMENT OF THE INNER EAR	BS
11	Wadden, Jack	ZERO-WASTE MOLECULAR DIAGNOSTICS FROM BIOPSY NEEDLE WASH WATER	BS
12	Youssef, Nada	Epidemiology and clinical outcomes of airway infection with Pseudomonas species other than P. aeruginosa in cystic fibrosis	BS
13	Cui, Tracy	THE ACTIVATING NKG2D RECEPTOR MEDIATES NEONATAL LUNG INJURY INDUCED BY CHRONIC EXPOSURE TO BACTERIAL ENDOTOXIN: IMPLICATIONS FOR BRONCHOPULMONARY DYSPLASIA	BS
14	Thangaraj, Soundara Viveka	EXPOSURE TO A REAL-LIFE ENVIRONMENTAL CHEMICAL MIXTURE ALTERS THE METABOLITE PROFILE IN THE PLASMA OF SHEEP: AN UNTARGETED METABOLOMICS STUDY	BS
15	Cimerman, Jelka	SOX11 AND CHD7 ACT IN THE SAME GENE REGULATORY NETWORK TO PROMOTE INNER EAR DEVELOPMENT	BS
16	Grabowski, Aria	MATERNAL MEDITERRANEAN DIET ADHERENCE DURING BREASTFEEDING ASSOCIATED WITH INFANT ADIPOSITY	BS
17		<i>withdrawn</i>	
18		<i>withdrawn</i>	
19	Bidlack, Christopher	Deep Mutagenesis Scan of SERPINC1 to inform variants affecting thrombosis risk.	BS
20	Jungles, Kylie	PEANUT-INDUCED FOOD PROTEIN INDUCED ENTEROCOLITIS	CI
21	Zanaboni, Dominic	CONTEMPORARY OUTCOMES OF TRACHEOSTOMY IN PATIENTS WITH SINGLE VENTRICLE HEART LESIONS	CI

22	Gupta, Gita	PARENT-REPORTED SLEEP PROFILE FOR CHILDREN WITH EARLY-LIFE EPILEPSIES	CI
23	Roberts, Holly	CHARACTERISTICS OF SPECIALTY PALLIATIVE CARE UTILIZATION IN PATIENTS WITH HIGH GRADE GLIOMA WHO ENROLL ON CLINICAL TRIALS VERSUS THOSE WHO DO NOT	CI
24	Ellsworth, Lindsay	MATERNAL METABOLIC HEALTH AND PERINATAL FACTORS INFLUENCING PRETERM INFANT BODY COMPOSITION AT HOSPITAL DISCHARGE	CI
25	VanBeckum, Danielle	Neonatal Lung Mesenchymal Stromal Cells as Early-Life Predictors of Asthma in Survivors of Prematurity	CI
26	Andres, Kristin	Reproductive Counseling in Women with Congenital Heart Disease: A survey of primary care provider comfort and knowledge	CI
27	Rao, Pooja	INTESENSORY INTEGRATION IN INFANTS WITH AUTISM SPECTRUM DISORDER	CI
28	Freigeh, George	DESCRIBING SESAME SENSITIZATION PATTERNS IN INFANTS AND TODDLERS	CI
29	Lanni, Lydia	Cutting Ties With an Old Friend: Omphalitis and Bacteremia With Umbilical Cord Nonseverance	CI
30	DeHann, Sarah + Hamp, Nicole	THE A-WORD, BLACK BOXES, AND LABYRINTHS: HOW PCPS THINK AND FEEL ABOUT AUTISM CARE IN THE MEDICAL HOME	CI
31	Messinger, Dana	THERAPEUTIC TARGETING OF PRENATAL PONTINE ID1 SIGNALING IN DIFFUSE MIDLINE GLIOMA	CI
32	Reynolds, Lyndsey	Capacity for Regulation of Energy Intake in Infancy	CI
33	Kreger, Jordan	Immune Response to Rhinovirus and Other Respiratory Viruses in Children: Design, Methods, and Initial Patient Characteristics	CI
34	Nessle, Nate	IMPROVED RISK STRATIFICATION OF PEDIATRIC FEBRILE NEUTROPENIA EPISODES USING A NOVEL CLINICAL TOOL WITH PROCALCITONIN: INTERNAL ANALYSIS PRIOR TO IMPLEMENTATION	CI
35	Budnik, Elizabeth	SUSPECTED MIS-C ADMISSIONS FROM EMERGENCY DEPARTMENT TO INPATIENT UNIT: A REVIEW	CI
36	Hoxie, Jessie	THE RELATIONSHIP BETWEEN ESTROGEN AND SUBSEQUENT GROWTH RESTRICTION AMONG ADOLESCENTS WITH HEAVY MENSTRUAL BLEEDING	CI
37	Said, Nellie	THE REPRODUCIBILITY AND RELIABILITY OF INSULIN RESISTANCE INDICES IN CHILDREN AND ADOLESCENTS	CI
38	Saadat, Nadia	INTEGRATIVE OMICS APPROACH TO INVESTIGATE MATERNAL BMI AND INFLAMMATION IN PREGNANT BLACK WOMEN	CI
39	Rodgers, Lily	Code status variation through four surges of COVID-19 pandemic at University of Michigan	CI
40	Stepanovich, Gretche	INFANTS WITH SEVERE CONGENITAL RENAL ANOMALIES ARE AT INCREASED RISK FOR DEVELOPMENTAL DYSPLASIA OF THE HIP	CI
41	Woodrick, Scarlet	Left Atrioventricular Valve Outcomes Following Biventricular Repair of Atrioventricular Septal Defect with a Single Left Ventricular Papillary Muscle	CI
42	Lyons, Samantha	A RETROSPECTIVE STUDY ON CAUSE OF DEATH DUE TO HIGH-GRADE GLIOMAS IN PEDIATRIC VS ADULT PATIENTS	CI
43	O'Callaghan, Thomas and Epler, Katharine	CHARACTERIZATION OF CODE STATUS ORDERS IN ADULT PATIENTS ADMITTED WITH COVID-19 INFECTION	CI

44	Iskowitz, Seth	FREQUENCY OF POUCHITIS AFTER COLECTOMY AMONG PEDIATRIC PATIENTS WITH ULCERATIVE COLITIS	CI
45	Crandall, Amanda	INFANT SUCKING IN RESPONSE TO A CHALLENGING NIPPLE AND GROWTH OUTCOMES AT 12 AND 24 MONTHS OF AGE	CI
46	Popova, Lilia	Disparities in High-Risk Neonatal Developmental Clinic Follow-Up Rates: Database Creation, Proof of Concept, and Preliminary Results	CI
47	Rolin, Alicia	IMPACT OF THE COVID-19 PANDEMIC ON CHILDREN AND ADOLESCENTS PRESENTING TO A PSYCHIATRIC EMERGENCY DEPARTMENT	CI
48	Suliman, Noor	Physician Adherence of Otitis Media and Related Sequelae of Tympanostomy Surgeries for Pediatric Patients Admitted to the Emergency Department	CI
49	Glick, Michelle	CASE REPORT: SEVERE MYCOPLASMA-INDUCED RASH AND MUCOSITIS TREATED WITH IVIG	CI
50	Funk, Tara	KEEPING CHILDREN HEALTHY AT SUMMER CAMP: A STUDY OF MEDICATIONS ADMINISTERED IN THE CAMP SETTING	CI
51	Mulcahy, Helen	PREDICTORS OF SEVERE SEPSIS IN PEDIATRIC INTESTINAL FAILURE (POSSIPIF) - RESEARCH IN PROGRESS	CI
52	Firn, Janice	ADULT VERSUS PEDIATRIC CARE SETTING DIFFERENCES IN 'REASON FOR ETHICS CONSULT' FOR PATIENTS 18 TO 26 YEARS OLD	ED
53	Akhter, Aunum	the Neonatal Intensive Care Unit Among House Officers and Clinicians	ED
54	Blazius, Brooke	Pediatric Continuous Renal Replacement Therapy Curriculum for Pediatric Critical Care Medicine Fellows	ED
55	Haggerty, Danielle	DEVELOPING A SUMMER CAMP TO EXPOSE YOUTH IN UNDER-RESOURCED AREAS TO PSYCHOLOGY	ED
56	Blumer, Alexandra	Evaluation of Gender Bias in Pediatric Faculty Assessments by Residents at a Tertiary Care Children's Hospital	ED
57	Waselewski, Alexander	Adolescent and Young Adult Opinions on Transgender Athletes in Sports	HSR
58	Plegue, Melissa	Variations in Prevalence of Newborn Drug Testing by Birth Parent Race and Ethnicity at Michigan Medicine	HSR
59	Peng, Hannah	ASSESSING THE IMPACT OF COVID-19 ON IMMUNIZATIONS IN MICHIGAN	HSR
60		<i>withdrawn</i>	
61	Rushing, Melinda	Hydroxyurea Utilization Patterns Among People Living with Sickle Cell Disease	HSR
62	Samalik, Joann	DISPARITIES IN HEIGHT AT THE TIME OF INFLAMMATORY BOWEL DISEASE DIAGNOSIS	HSR
63	Patel, Pooja	ACUTE HEALTHCARE UTILIZATION FOR INDIVIDUALS WITH SICKLE CELL DISEASE IN MICHIGAN	HSR
64	Ewing, Keats	THERAPY AND MEDICAL APPOINTMENT UTILIZATION AMONG MEDICAL STUDENTS	HSR
65	Tsang, Yi Tak	CAREGIVERS' PERCEPTION OF UNIVERSAL TRAUMA SCREENING IN PEDIATRIC MEDICAL SETTINGS	HSR
66	Manda, Sahita	EXPERIENCE OF STIGMA AND ITS RELATIONSHIP TO IDENTIFICATION WITH THE NEURODIVERSITY MODEL OF INDIAN PARENTS OF CHILDREN WITH AUTISM SPECTRUM DISORDER	HSR
67	Latta, Krista	Hospitalization and Mortality due to COVID-19 among People born 1987-2019 with Sickle Cell Disease or Sickle Cell Trait in Michigan	HSR

68	Adler, Jeremy	MULTICENTER EVALUATION OF PATTERNS OF AND REASONS FOR BIOLOGIC DISCONTINUATION AMONG CHILDREN WITH CROHN'S DISEASE	HSR
69	Warrier, Kavita	Use of Recommended Antiviral Medications for Children Hospitalized with Influenza 2010-2020	HSR
70	Hoffman, Jessica	ED Boarding: Inpatient Provider Perception of Safety Concerns and Gaps in Knowledge of Policies	QI
71	DiBattista, Suzanne	IMPROVING CONTINUITY IN RESIDENT PRIMARY CARE CLINIC: RESIDENT AS PCP TRIAL	QI
72	Wolf, Matthew	IMPROVING THE TIME TO INITIATION OF PHOTOTHERAPY IN THE NEWBORN NURSERY	QI
73	Hovel, Elizabeth + Dibattista, Suzanne	IMPLEMENTATION OF A COMMUNITY PARTNERSHIP ADVOCACY CURRICULUM	QI
74	Harris, Sharnita	EXAMINING FOLLOW-UP CARE FOR CHILDREN AT-RISK OF DEVELOPMENTAL DELAY TO REDUCE HEALTH DISPARITIES	QI
75	Birnbaum, Richard	Revision of the Parent Acceptance of Pediatric Integrated Care Survey	QI
76	Zakerski, Megan	Improving Safe Sleep in the Newborn Nursery	QI
77	Andersen, Melissa	Expediting Discharge for Infants Acquiring Oral Feeding Skills and Tube Weaning from the Comfort of Home with Telehealth Home NG Clinic	QI
78	Nugent, Courtney + Brown, Kendra	PHARYNGITIS GUIDELINES IN THE AMBULATORY SETTING; A REVIEW OF COMPLIANCE	QI
79	Ramos, Katie	RESIDENT-PREPARED CHALK TALKS FOR MEDICAL STUDENT EDUCATION- A QI STUDY	QI
80	Muallem, Emile	EVALUATING THE IMPACT OF VIDEO-BASED SUMMARIES FOR CLINICAL PRACTICE GUIDELINES IN PEDIATRICS	QI