2021 RESEARCH GRANTS

Children's Hospital Medical Center (Jennifer Treasure, MD)
Cincinnati OH
High-Flow Nasal Cannula Use in Patients Diagnosed with Bronchiolitis
$20,000

Children's Hospital of Philadelphia University of Pennsylvania (Sagori Mukhopadhyay, MD)
Philadelphia PA
The Masking Study: Does Universal Masking Decrease Late-onset Infections in the NICU?
$330,702

Children's Hospital of Philadelphia (John Weaver, MD)
Philadelphia PA
Copy Number Variants as Biomarkers for Renal Failure in Posterior Urethral Valve Patients
$20,000

Cochrane Neonatal (Colleen Ovelman)
Burlington VT
The infant and family experience in the neonatal intensive care unit: evidence synthesis for informed decisions and better health
$341,573

Helen DeVos Children's Hospital Foundation (Brooke Geddie, DO)
Grand Rapids MI
$349,640

Henry Ford Health Sciences Center (Amy Eapen, MD)
Detroit MI
Identifying Methylome Alterations at Birth Indicative of Later Allergic Disorders
$20,000

Indiana University Indianapolis (Troy Markel, MD)
Indianapolis, IN
Volatile Organic Compound Profiling to Predict Risk of Necrotizing Enterocolitis
$348,909

Lucile Packard Children's Hospital At Stanford (Rebecca Dang, MD/Alan Schroeder, MD)
Stanford CA
Temperature Values in Newborns and Implications for Clinical Practices Surrounding Hypothermia
$350,000

Memorial Sloan Kettering Cancer Center (David Abramson, MD)
New York NY
Non-invasive liquid biopsy for retinoblastoma to improve diagnosis and customize care for children
$324,951

Pennsylvania State University (Neha Patel, DO)
Hershey
Continuous Glucose Monitoring in At-Risk Newborns
$306,933

Rutgers University (Paul Breslin, PhD)
New Brunswick NJ
Reduction of Severity and Duration of Pediatric Gastroenteritis Through Amino Acid-Fortified Oral Rehydration Therapy
$323,219

University of Colorado (Andrew Haynes, MD)
Aurora CO
Oral Amoxicillin and Cephalexin Pharmacokinetics/Pharmacodynamics (PK/PD) in the Neonatal Intensive Care Unit
$20,000

University of Florida (Vivian Valcarce, MD)
Gainesville FL
Human milk antibody response to COVID-19 vaccination and protection to breastfeeding infants
$20,000

University of Miami (Sarah Sonny, MD)
Miami FL
Impact of Microbiota Diversity on Body Composition and Growth in Low Birth Weight Preterm Infants
$19,557

University of Miami (April Tan, MD)
Miami FL
Restoring airway symbiosis through the gut
$19,965

University of Michigan (Charles Schuler, MD)
Ann Arbor MI
Developing transepidermal water loss as a novel food anaphylaxis monitoring tool
$342,676

University of South Carolina (Kayla Everhart, PhD)
Columbia SC
Evaluation of a blood warming device for packed red blood cell transfusions to decrease hypothermia in very preterm
$327,097

Virginia Commonwealth University (Karen Hendricks-Muñoz, MD)
Richmond VA
$350,000
The influence of mothers own and donor human milk fat on gut microbiota and postnatal growth failure in the preterm infant

TOTAL NATIONAL GRANTS AWARDED: $3,835,222