Thursday, May 6

11:00–11:45 AM  
**Mighty Immunity**  
*Moderators: Emanuela Bruscia, PhD; Dean Yimlamai, MD, PhD*

J Toothaker  
Human Placental Villi Immune Cells Contribute to Homeostasis in Utero

H Öz, E Cheng, C Di Pietro, S Esquibies, T Tebaldi, G Biancon, P Zhang, R Nguyen, C Barone, S Halene, M Egan, E Bruscia  
Targeting Recruitment Of Ccr2+ Monocytes Protects Cf Mice From Tgfβ-Driven Lung Tissue Damage Following Chronic Inflammation

Carbon Monoxide-Based Therapy Primes Macrophages to Resolve Lung Hyper-Inflammation In Cystic Fibrosis

M Mooring, K Yao, S Liu, Y Liu, D Yimlamai  
Cyr61 Coordinates Liver Fibrosis Through Monocyte and Macrophage Recruitment and Polarization

12:00–1:00 PM  
**Keynote Speaker**  
*Grover F. Powers, MD Memorial Lectureship*

Sherin U. Devaskar, M.D.  
Distinguished Professor of Pediatrics; Mattel Executive Endowed Chair, Department of Pediatrics; David Geffen School of Medicine at UCLA; Executive Director, UCLA Children’s Discovery and Innovation Institute  
Maternal Diet and Disorders: Influence on Placenta and Offspring

1:15–2:00 PM  
**Identify, Evaluate and Treat**  
*Moderators: Elijah Paintsil, FAAP, MBChB; Marietta Vazquez, MD*

L Yankova, M Neuman, M Wang, A DePorre, S Desai, L Sartori, R Marble, L Nigrovic, R Leazer, C Pruitt, C Woll, S Rooholamini, F Balamuth, P Aronson  
Use of Clinical Criteria for Prediction of Invasive Bacterial Infection in Febrile Infants: Evaluation of the PROS Criteria

E Taylor-Salmon, R Fein, T Murray  
C-Reactive Protein on Admission Predicts Length of Hospital Stay in Children with Osteomyelitis

R Vergara Greeno, S Sontha, R De Los Santos Abreu, M Lopez Quevedo, E Almendarez, L Harrison, L Ralda de Morataya, M Cappello  
Soil-Transmitted Helminth Infection and Albendazole Response in Rural School Children in Retalhuleu, Guatemala

K Nash, C Rothenberg, A Venkatesh  
National Trends in the Use of Psychotropic Medications in Pediatric Mental Health Emergency Department Visits Between 2006 and 2018
Yale SCHOOL OF MEDICINE
Department of Pediatrics
9TH ANNUAL YALE PEDIATRIC RESEARCH FORUM

Friday, May 7

11:30-12:15 PM  Patient Education and Patient Perceptions
Moderators: Andrea Asnes, MD, MSW; Mona Sharifi, MD, MPH

S Mencher, S Weinzimer, M Van Name, L Nally, M Nunez-Smith, L Sadler
Technology Utilization in African American Youth with Type 1 Diabetes: Exploring the Decision-Making Process

G Betancur, M, Brei, K Weyman, K Stephenson, L Carria, M VanName, J Sherr
A Self-Assessment: Understanding Perceptions of New Onset Type 1 Diabetes (T1D) Education in a Pediatric Tertiary Care Center

C Schenck, G Tiyyagura, M Wilson, K Bechtel
Parental Attitudes, Beliefs, and Practices Related to Firearm Storage: A Qualitative Study

N Butala, A Asnes, J Gaither, J Leventhal, S O'Malley, K Jubanyik, A Aydin, G Tiyyagura
Child Safety Assessments during a Caregiver’s Evaluation in Emergency Departments after intimate partner violence

12:30–1:15 PM  Educating the Medical Professional
Moderator: Paul Aronson, MD, MHS

A Quijano, S Eschbach, C Dorfman, W Athar, A Fenick
Parenting as an Educational Experience for Pediatric Residents

C Carr, M Solotke, D Camenga, R Osborn, A Vash-Margita
Impact of Pediatric & Adolescent Gynecology Rotation on Confidence in Provision of Adolescent Reproductive Health Services Among Pediatrics Residents

R Malik, M Langhan
Pediatric Residency Preparedness for Pediatric Emergency Medicine Fellowship: A Survey of First Year Pediatric Emergency Medicine Fellows and A Survey of Fellowship Program and Associate Program Directors

K Werner, M Mercurio, V Shabanova, S Taylor
Pediatrician Report of Interaction with Formula Companies And Its Relation To Clinical Practice
9TH ANNUAL YALE PEDIATRIC RESEARCH FORUM

Monday, May 10

11:30-12:15 PM Life in the Time of COVID
Moderators: Thomas Murray, MD, PhD

J Rosenberg, L Sude, A Fenick, T Litz, A Ojeda, F Altice, M Sharifi
Evaluation of a Mobile Clinic for Maternal-Child Care During the COVID-19 Pandemic

P Hu, S Samuels, K Maciejewski, C Aloe, M Van Name, M Savoye, M Sharifi
Impact of the COVID-19 Pandemic on Health Behaviors of Youth with Overweight/Obesity

M Amick, K Bentivegna, J Leventhal, M Holland, A Hunter, N Livingston, K Bechtel
Child Maltreatment-related Children's Emergency Department Visits Before and During the COVID-19 Pandemic in Connecticut

D Li, EZ Lin, M Brault, J Paquette, S Vermund, K Godri Pollitt
Reopening Schools After a Novel Coronavirus Surge

12:30-1:15 PM When the Immune Response Goes Awry
Moderators: Yelizaveta Konnikova, MD, PhD; Naila Makhani, MD, MPH

Immunopathology in MIS-C: elevated alarmin and cytotoxicity signatures and autoreactivity that correlates with severity

V Habet, X Yan, V Vasiliou, C Dela Cruz, R Pierce,
Pulmonary Immune Profiling in Critically Ill Children with Acute Lung Injury

L You, G Soffer, R Powell, J Factor
Community Private Practice Clinical Experience with Sesame Oral Immunotherapy: An Analysis Of Adverse Events And Quality Of Life

O Olaloye, P Liu, J Toothaker, B McCourt, C McCourt, K Chen, G Tseng, L Konnikova
Inflammatory Cd16+ Cd163+ Monocytes Localize to Sites of Inflammation in Necrotizing Enterocolitis
Tuesday, May 11

11:30–12:00 PM  Hematology/Oncology
Moderators: Ananth Prasanna, MD, MPH; Juan Vasquez, MD

C McCann, K Lezon-Geyda, Y Maksimova, V Schulz, P Gallagher
Identification and Breakpoint Mapping of Intragenic Deletions in Patients with Anemia Due to Pyruvate Kinase Deficiency

R Rodwin, W Ross, J Rotatori, K Allen, C Auerbach, L Balsamo, N Kadan-Lottick
Newly Identified Chemotherapy-Induced Peripheral Neuropathy In A Childhood Cancer Survivorship Clinic

J Forward, M Hogan
A Perplexing Case of Hypoxia

12:30-1:20 PM  It’s the Heart of the Matter
Moderator: Mustafa Khokha, MD

C Chow, K Campbell, R Elder
Noonan Syndrome and Congenital Heart Disease in Pregnancy: A Case Series

K Berg, M Brueckner
Mechanical and Transcriptional Roles for Primary Cilia During Cardiogenesis

S Barish, J Drozd, M Brueckner
Tissue-Specific H2bub1 Chromatin Marks Are Required for Cardiomyocyte Development

J Sullivan, C Beach
The Better Blocker: Beta Blockers vs Calcium Channel Blockers in Pediatric Supraventricular Tachycardia

J Sullivan, D McMahon, C Beach
Electromagnetic Interference Complicating Impella® Use During Pediatric Ablation
Yale SCHOOL OF MEDICINE
Department of Pediatrics

9TH ANNUAL YALE PEDIATRIC RESEARCH FORUM

Wednesday, May 12

12:00-1:00 PM  Keynote Speaker
Grover F. Powers, MD Memorial Lectureship
Sallie Permar, M.D., Ph.D.
Nancy C. Paduano Professor and Chair, Department of Pediatrics, Weill Cornell Medicine; Pediatrician-in-Chief, NewYork-Presbyterian/Weill Cornell Medical Center
Elimination of Congenital Cytomegalovirus: we are halfway there

1:15-2:00 PM  Of Mice, Frogs and Men: Animal Models of Human Disease
Moderators: Martina Brueckner, MD; Engin Deniz, MD

M O’Brien, E Lake, D Scheinost, W Ji, M Pryzhkova, M Xu, A Atkins, M Qiu, M Brueckner, P Jordan, L Ment, M Khokha
Not Just Hypoxia: Genetic Predisposition for Neurodevelopmental Disability in Congenital Heart Disease

U Salimi, X Peng, V Habet, W Liu, L Sharma, C Dela Cruz
Effects Of Early Postnatal Pseudomonas Respiratory Infection On Alveolar Remodeling In Mice

J Marquez, S Viviano, E Deniz
Modeling the Role of Cilia in Perinatal Intraventricular Hemorrhage

M Sewell, M Khokha and K Liem
The Leber’s Congenital Amaurosis-Associated Gene Tubb4b Is Required for Multi-Ciliogenesis in the Mouse