

#	Name	Poster Title
<b>Theme I - Brain, Behavior and Development</b>		
1	Meeryo Choe, MD	Risk Factors for the Development of Headache after Traumatic Brain Injury in a Pediatric Subspecialty Clinic Population
2	Peter Chung, MD	Social Behaviors and Active Video Game Play in Children with Autism Spectrum Disorder
3	Rebecca Dudovitz, MD	Family, School and Peer Factors Associated with Healthy Adolescents Self-Concepts
4	Leanna Huard, MD	Perspectives of Futility Among Pediatric Subspecialists
5	Gitanjali Indramohan, MD	Effects of Oromotor Intervention on Feeding After Complex Congenital Heart Disease Surgery
6	Naomi Mimila	Well-Child Care Redesign: An RCT in Two Los Angeles -Area Practices Serving Low-Income Families
7	Bergen Nelson, MD	Parent Perceptions of Factors that Lead to Hospital Admission for Patients in the UCLA Pediatric Medical Home Program
8	Caroline Pearson, PhD	Foxp1 and Foxp4 Regulate Neural Stem Cell Maintenance and Differentiation in the Mammalian Cortex
9	Monica Sondhi, MD	The Effects of Macronutrient Deficiency on Brain Development
10	Nousheen Zaman, MD	Whole Exome Sequencing to Identify Genetic Predisposition to Nonsyndromic Cleft Lip and Palate
<b>Theme II - Cancer and Regeneration</b>		
11	Katherine Chung, MD	Embryonic Pathways are Aberrantly Activated in the Development of Pulmonary Fibrosis
12	Melody Hsu, MD	Elevated PD-1 Expression in Tumor and Peripheral Blood Lymphocytes of Pediatric and Adult Glioma Patients
13	Roy Kao, MD	Optimization of Gene Modification of Human Hematopoietic Stem Cells by Pre-Transplant Manipulation
14	Sonia Morales	Pediatric Cancer Survivorship: A Community Perspective on Attitudes and Barriers to Continuous Health Insurance Coverage
15	Tulika Tyagi	Second-Generation Chimeric Antigen Receptors Successfully Modify Hematopoietic Stem Cells for Immunotherapy of B-Lineage Malignancies
16	Haibin Xi, PhD	Deriving Skeletal Muscle Progenitors from Human Pluripotent Stem Cells for Treatment of Duchenne Muscular Dystrophy
<b>Theme III - Infection, Inflammation and Immunity</b>		
17	Kristina Adachi, MD, MA	Chlamydia and Gonorrhea in HIV-infected Pregnant Women and Infant HIV Transmission
18	Lisa Arcilla, MD	Evaluating Cardiopulmonary Exercise Testing for Duchenne Muscular Dystrophy
19	Bob Geng, MD	Utility of Skin Testing for Dust Mite Allergic Rhinitis
20	Kattayoun Kordy, MD	Dose-response Relationship of Tenofovir with HIV-1 Suppression in ex vivo model of Tissue Infectibility in Adolescents
21	Caroline Kuo, MD	Targeted Gene Therapy in the Treatment of X-linked Hyper-IgM Syndrome
22	Rachel Lewis, MD	Effect of Concurrent Nephrotoxic Medication Administration on Achievement of a Therapeutic Vancomycin Serum Level
23	Angelos Oikonomopoulos, PhD	A Signature Micro-RNA Gene Expression Profile as Diagnostic and Disease Activity Biomarker for Inflammatory Bowel Diseases
24	Helen Pizzo, MD	Comparison of Estimated Glomerular Filtration Rate Using Cystatin C versus Creatinine in Pediatric Renal Transplant Patients
25	Natalie Quanquin, MD, PhD	Identification and Characterization of Escape Mutations of Influenza Hemagglutinin

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<b>Theme III - Infection, Inflammation and Immunity cont.</b>		
26	Kevin Quinn, MD	Emerging Enteroviruses: Molecular Analysis and Screening for Candidate Antiviral Agents
27	Monika Saeedian, MD	Assessment of a Modified Basophil Activation Test in the Diagnosis of Peanut Allergy
28	John Tran, MD, MA, MPH	Incorporation of Vault Nanoparticles in Mouse Lung Epithelium
29	Joyce Varghese, DO	Lactate in Pediatric Heart Transplant Recipients
30	Sheetal Wadera, MD	Assessing Effectiveness of Transition in Pediatric Inflammatory Bowel Disease Patients
31	James Washington III, MD	The Role of Maternal Immune Activation in the Association Between Autism and Epilepsy
32	Nava Yeganeh, MD, MPH	Syphilis in HIV-infected Mothers and Infants: Results from the NICHD/HPTN 040 Study
33	Eric Yen, MD, MS	Studies of Autoantibodies and Immune Cell Phenotypes in Turner's Syndrome Patients Reveal a Role of X Chromosome Dosage on Autoimmune and Immune Responses in Humans
34	Susy Ann Ysung, MD, MS	Licensing of NK Cells Confer Increased Capacity for Co-activation of CD4+ T cells
<b>Theme IV - Nutrition, Metabolism and Growth</b>		
35	Griselda Alvarez, MD	Rodent Humanin Homologues Originate from the Nucleus and Mitochondria, and a Humanin Analogue Attenuates Hydrogen Peroxide Production from Mitochondria of Rat Insulin-Producing Cells
36	Gina Capodanno, MD, MS	Humanin: A Potential Bioprotector of Fetal Growth and Development
37	Alison Chu, MD	Histopathologic Characterization of Placental Changes Seen in a Murine Model of Intrauterine Growth Restriction
38	Mark Hanudel, MD	Pre-operative FGF23 Levels Predict Post-operative Acute Kidney Injury in Pediatric Cardiac Surgery Patients: A Prospective Study
39	Mark Hanudel, MD	Iron Status Affects FGF23 Levels in Mice Fed Control or Adenine-rich Diets
40	Nadine Khouzam, MD	CKD Induces Changes to Osteoblast Function, Which Affect Proliferation
41	Elizabeth Lai, MD	Necrotizing Enterocolitis, Feeding Patterns, and Mortality Following the Norwood Operation
42	Anjali Nayak, MD	Calcitriol Regulates Monocyte Hepcidin and Ferritin: A Role for Vitamin D in Iron Homeostasis
43	Margaret Ong	Intravenous Low Dose Soybean Oil in Preterm Infants: Long-term Follow-up on Growth and Neurodevelopment
<b>Theme V - Cardiovascular</b>		
45	Sana Ashraf, MD	FGF-23 Levels in Congenital and Non-congenital Cardiac Patients
46	Ben Hendrickson, MD	Assessment of Orthostatic Heart Rate and Blood Pressure Response in Children and Adolescents: Reference Ranges in a General Ambulatory Setting
47	Jeremy Moore, MD	Predictors of Myocardial Recovery in Pediatric Tachycardia-Induced Cardiomyopathy
48	Leigh Reardon, MD	Influence of MELD (Model of End-Stage Liver Disease)_XI (eXcluding INR) on Pediatric Post-Heart Transplant Outcomes
49	Leigh Reardon, MD	Post Heart Transplant Survival in Pediatric Patients with Left Ventricular and Biventricular Assist Devices (LVAD/ BIVAD): UNOS Registry Analysis
50	Gavin Roach, MD	Von Willebrand Disease and Risk for Obstetric Bleeding: Analysis of the Female UDC Project
51	Pavni Uberoi, MD	Examining A Novel Technique of Double-Umbilical Venous Catheter Insertion: Is it Worth It?
52	Pricilla Yu, MD	Mobile High-Fidelity Simulation Provides Effective Resuscitation Training for Pediatric Residents




**“Catalyzing Interactions in Child Health Research”**

**1st Annual UCLA Children's Discovery & Innovation Institute Symposium**

Tamkin Auditorium, B130  
Ronald Reagan UCLA Medical Center

Thursday, May 29, 2014  
8:00 am - 6:30 pm

For poster abstracts and further information see [www.uclahealth.org/cdi](http://www.uclahealth.org/cdi)

This symposium is supported in part by a Catalyst Award from the UCLA Clinical and Translational Science Institute (CTSI) under NIH/ National Center for Advancing Translational Science (NCATS) Grant Number UL1TR000124.



8:00-8:30am	Continental Breakfast and Check-in
8:30-8:45am	Introduction by A. Eugene Washington, MD, MSc <i>Vice Chancellor, Health Sciences Dean, David Geffen School of Medicine at UCLA</i>
8:45-8:55am	Welcome by Sherin Devaskar, MD <i>Executive Chair, Department of Pediatrics, Children's Discovery and Innovation Institute</i>

**8:55 - 10:00 am**  
**NIH K12 Funded Child Health Research Center  
Development Scholars**  
**Nina Schor, MD, PhD - External Reviewer**  
*Moderator: Martin Martin, MD*

8:55-9:10am	Satiro De Oliveira, MD "Anti-CD19 Immunotherapy Using Gene-Modified Hematopoietic Stem Cells"
9:10-9:25am	Marlin Touma, MD "Neonatal Heart Transcriptome Maturation: Deciphering the Role of WNT Signals in Postnatal Heart in Health and in Disease"
9:25-9:40am	Kevin Quinn, MD "Application of Cryo-EM to Enterovirus Neutralization"
9:40-9:55am	Vivian Chang, MD "Exome Sequencing in Pediatric Cancer Predisposition"
10:00-10:20am	<i>Coffee Break</i>

**10:20 - 11:25am**  
**Theme I - Brain, Behavior and Development**  
*Moderator: Paul Chung, MD*

10:20-10:30am	Bennett Novitch, PhD "Transcriptional Mechanisms Balancing Neural Stem Cell Maintenance and Differentiation in the Developing Brain and Spinal Cord"
10:30-10:50am	Tumaini Coker, MD, MBA "Well-Child Care Redesign for Practices Serving Low-Income Children"
10:50-11:05am	Mayumi Prins, MD "Found in Translation: New Treatments for Pediatric Traumatic Brain Injury"
11:05-11:20am	Dan Geschwind, MD, PhD "Modeling Autism in a Dish"
11:25-12:00pm	<i>Lunch</i>

**12:00 - 1:00pm**  
**Keynote Speaker**

**Bruce Gelb, MD**

*Director Child Health and Development Institute  
Professor Pediatrics, Cardiology  
Professor Genetics and Genomic Sciences  
Icahn School of Medicine at Mount Sinai*



**"The Genetics of Congenital Heart Disease:  
A Long, Dazed Journey into Clinic"**

**1:00 - 2:05pm**  
**Theme II - Cancer and Regeneration**  
*Moderator: Brigitte Gomperts, MD*

1:00-1:15pm	Gay Crooks, MD "Engineering Immunity through the Thymus"
1:15-1:30pm	Tom Davidson, MD "Clinical Trials and Dendritic Cell Vaccination in Pediatric High-Grade Gliomas"
1:30-1:45pm	Jackie Casillas, MD "Cancer Survivorship and Health Equity Research: Lessons Learned from Pediatric, Adolescent and Young Adult Survivors"
1:45-2:00pm	April Pyle, PhD "Development of Regenerative and Pre-Clinical Approaches for Duchenne Muscular Dystrophy using Human Induced Pluripotent Stem Cells"
2:05-2:25pm	<i>Coffee Break</i>

**2:25 - 3:30pm**  
**Theme III - Infection, Inflammation and Immunity**  
*Moderator: Gay Crooks, MD*

2:25-2:40pm	Paul Krogstad, MD "Identification of Novel Compounds with Activity Against Poliovirus and Non-Polio Enteroviruses"
2:40-2:55pm	Jerome Zack, PhD "Exploring ways to Purge HIV Reservoirs"
2:55-3:10pm	John Adams, MD "Vitamin D and Inflammation"
3:10-3:25pm	Daniel Hommes, MD, PhD "Value-Based Healthcare in Inflammatory Bowel Disease"

**3:30 - 4:30pm**  
**Theme IV - Nutrition, Metabolism and Growth**  
*Moderator: Martin Martin, MD*

3:30-3:45pm	Simon Beaven, MD, PhD "Metabolic Syndrome: The Good, the Bad, and the Ugly"
3:45-4:00pm	Carla Koehler, PhD "Using an RNA Import Pathway into Mitochondria to Treat Mitochondrial Myopathies and Neuropathies"
4:00-4:15pm	Kara Calkins, MD "Intestinal Failure Associated Liver Disease: Is it all about the Fat?"
4:15-4:30pm	Deborah Cohen, MD "Calling Mary Poppins: A Public Health Approach to Obesity"

**4:30 - 5:00pm**  
**Poster Viewing, Wine and Cheese**  
*B-level area*

**5:00 - 6:00pm**  
**Selected Fellows Poster Discussions**  
*Moderator: Brigitte Gomperts, MD*

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**6:00 - 6:30pm**  
**Continued Poster Viewing and Discussion**