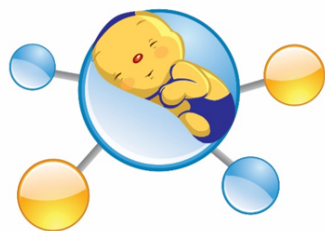


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SOUTHEASTERN PEDIATRIC
RESEARCH INNOVATION CONFERENCE

Agenda

June 21-22, 2016

Georgia Aquarium

June 21, 2016

5:00	Cocktail Hour & Aquarium
6:00	Dinner
7:00	Keynote Presentation: "Confronting HCV: from Torture to Ultrashort Cures"
	Raymond F. Schinazi, PhD, DSc Frances Winship Walters Professor of Pediatrics Director, Laboratory of Biochemical Pharmacology & Director, HIV-Cure Scientific Working Group Emory University Center for AIDS Research
8:00 – 9:00	Aquarium

June 22, 2016

7:00 – 8:30	Registration and Continental Breakfast
8:00 - 8:05	Welcome from Co-Chairs
	Paul Spearman, MD Nahmias-Schinazi Research Professor and Vice Chair for Research, Department of Pediatrics, Emory University Chief Research Officer, Children's Healthcare of Atlanta
	Kevin Maher, MD Associate Professor of Pediatrics, Emory University Director, Cardiac Intensive Care; Co-Director, Center for Pediatric Innovation; Clinical Director, Pediatric Nanomedicine, Children's Healthcare of Atlanta
	M.G. Finn, PhD Professor and Chair, School of Chemistry & Biochemistry, Georgia Institute of Technology Director, Center for Pediatric Nanomedicine Children's Research Scholar

8:05 – 8:20	Opening Remarks
	<p>Donna Hyland President & CEO, Children's Healthcare of Atlanta</p> <p>Rafael L. Bras, ScD Provost & Executive Vice President for Academic Affairs, K. Harrison Brown Family Chair, Georgia Institute of Technology</p> <p>Lucky Jain, MD, MBA Richard W. Blumberg Professor and Interim Chair, Department of Pediatrics, Emory University Executive Medical Director & Interim Chief Academic Officer, Children's Healthcare of Atlanta</p>
8:20 – 9:05	"Broad Neutralization of Influenza Virus & Implications for a Universal Vaccine and Therapy"
	Ian Wilson, DPhil, DSc, FRS Hansen Professor of Structural Biology, Chair, Department of Integrative Structural and Computational Biology, The Scripps Research Institute
9:05 – 9:25	Rapid-Fire Talks on Selected Abstracts
	<p>"Gene Identification through Genome Wide Association and Genotype-Serotype Correlation in Pediatric Ulcerative Colitis" Jarod Prince, Suresh Venkateswaran, Anne Dodd, Khuong Uyen Le, David Okou and Subra Kugathasan</p> <p>"Applications of Hairpin DNA Functionalized Gold Nanoparticles For Molecular Identification of Disease" Alexis Wong, Stephen Jackson, Thomas Scherr and David Wright</p> <p>"Electromechanical Characterization of an Implantable Sensor-Based Early Warning System for Non-Union in Pediatric Bone Fusion" Brett S. Klosterhoff, Melissa X. Tsang, Mark G. Allen, Robert E. Guldberg and Nick J. Willett</p> <p>"Cryopreserved Human Pluripotent Stem Cell-Derived Cardiomyocytes are Molecularly and Functionally Comparable to their Continuously Cultured Counterparts" Monalisa Singh, Qingling Wu, Marcela K. Preininger, Rajneesh Jha, Jun Li, Hee Cheol Cho, Mary B. Wagner and Chunhui Xu</p> <p>"Correction of Diamond-Blackfan Induced Pluripotent Stem Cells via CRISPR" Frederick Goldman, Erik Westin, Divya Devadasan, Chao Li, Lei Ding and Tim Townes</p>
9:25 – 9:35	Rapid-Fire Talks on Cores
	<ul style="list-style-type: none"> • Animal Physiology - Josh Maxwell, PhD • Biorepository - Bradley S. Hanberry, PhD • Biostatistics - Courtney McCracken, PhD • Cardiovascular Imaging (CIRC) - Heather Friedman, MPH, CCRP • Grants Editing & Manuscript Support (GEMS) - Stacy Heilman, PhD • Laboratory and Pathology Clinical Research - Beverly B. Rogers, MD
9:35 – 9:45	Presentation of Poster Awards
9:45 – 10:45	Break & Poster Session
10:45 - 11:30	"Replication of Filoviruses in Bats and Humans"
	Jonathan Towner, PhD Lead-Virus Host Ecology Unit, Viral Special Pathogens Branch, Centers for Disease Control and Prevention

11:30 – 12:00	Short Talks on Selected Abstracts
	<p>“Longitudinal Development of Social Visual Engagement in Infants Later Diagnosed with ASD” Lindsay Olson, Ami Klin, Sarah Shultz and Warren Jones</p> <p>“Drug Screening in Zebrafish to Identify Corrective Compounds for Muscular Dystrophies” Matthew Alexander, Devin Gibbs, Janelle Spinazzola, Lillian Mead and Louis Kunke</p>
12:00 - 1:30	Lunch with Speakers and Co-Chairs
12:30 – 1:30	Technology Demonstrations
1:30 - 1:40	Afternoon Welcome
	<p>Yasmin Tyler-Hill, MD, FAAP Chair and Associate Professor, Department of Pediatrics, Morehouse School of Medicine</p>
1:40 - 2:10	Short Talks on Selected Abstracts
	<p>“HIV Pediatric Cure: a Rhesus Macaque Model” Maud Mavigner, Jakob Habib, Ray Schinazi, Romas Geleziunas, Don Sodora, Jacob Estes, Guido Silvestri and Ann Chahroudi</p> <p>“Development of a Novel Aptamer Screening Platform to Identify High Affinity Ligands for Non-Nucleotide Targets” Valeria Milam, Maeling Tapp, Patrick Dennis and Rajesh Naik</p>
2:10 - 2:30	Rapid-Fire Talks on Selected Abstracts
	<p>“Multimodality Therapy with Ionizing Radiation and a Small Molecule WIP1 Inhibitor Suppresses Growth of Patient-Derived Models of DIPG” Robert Castellino, Briana D. Brown, Mwangala P. Akamandisa, Abhinav Dey, Jing Wen, Amanda Arnold, Anna M. Kenney and Dolores Hambarzomyan</p> <p>“HIV-1 but not SIV Envelope Trafficking Requires the Endosomal Recycling Compartment and Rab11-FIP1C” Junghwa Choi, Mingli Qi, Lingmei Ding, Jaang Jiun Wang, Jason E. Hammonds, Lynn A. Lapierre, James R. Goldenring and Paul Spearman</p> <p>“Trends in Neonatal Surgical Outcomes in Children’s Versus Non-Children’s Hospitals” Heather Short, Alexandra Savinkina and Mehul Raval</p> <p>“Production, Characterization and Immunogenicity of Candidate Ebolavirus VLP Based Vaccines” Karnail Singh, Xuemin Chen, Jaang-Jiun Wang, Yelena Blinder and Paul Spearman</p> <p>“T-cell Depletion Improves Diastolic Dysfunction in Mice with Uremic Cardiomyopathy” Pamela Winterberg, Rong Jiang, Mary B. Wagner and Mandy Ford</p>
2:30 - 3:10	Break & Poster Session
3:10 - 3:55	“Systems Biology of Transplantation”
	<p>Leslie S. Kean, MD, PhD Associate Center Director, Ben Towne Center for Childhood Cancer Research, Seattle Children's Associate Professor of Pediatrics, University of Washington Joint Associate Member, Fred Hutchinson Cancer Research Center</p>
3:55 - 4:00	Closing Remarks
4:00 - 5:00	Reception

Children's Healthcare of Atlanta is accredited by the Medical Association of Georgia to provide continuing education for physicians. Children's designates this live event for a maximum of 6.0 *AMA PRA Category 1 credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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