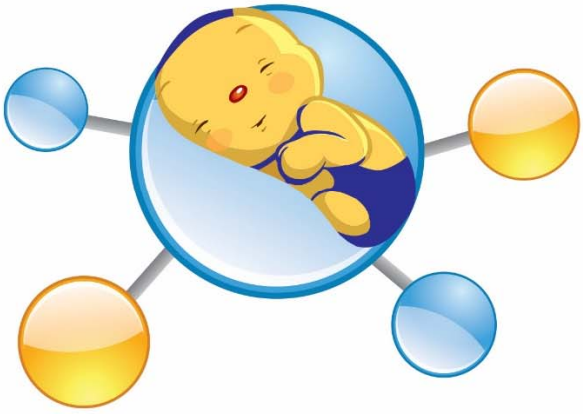
molecules FOR minions



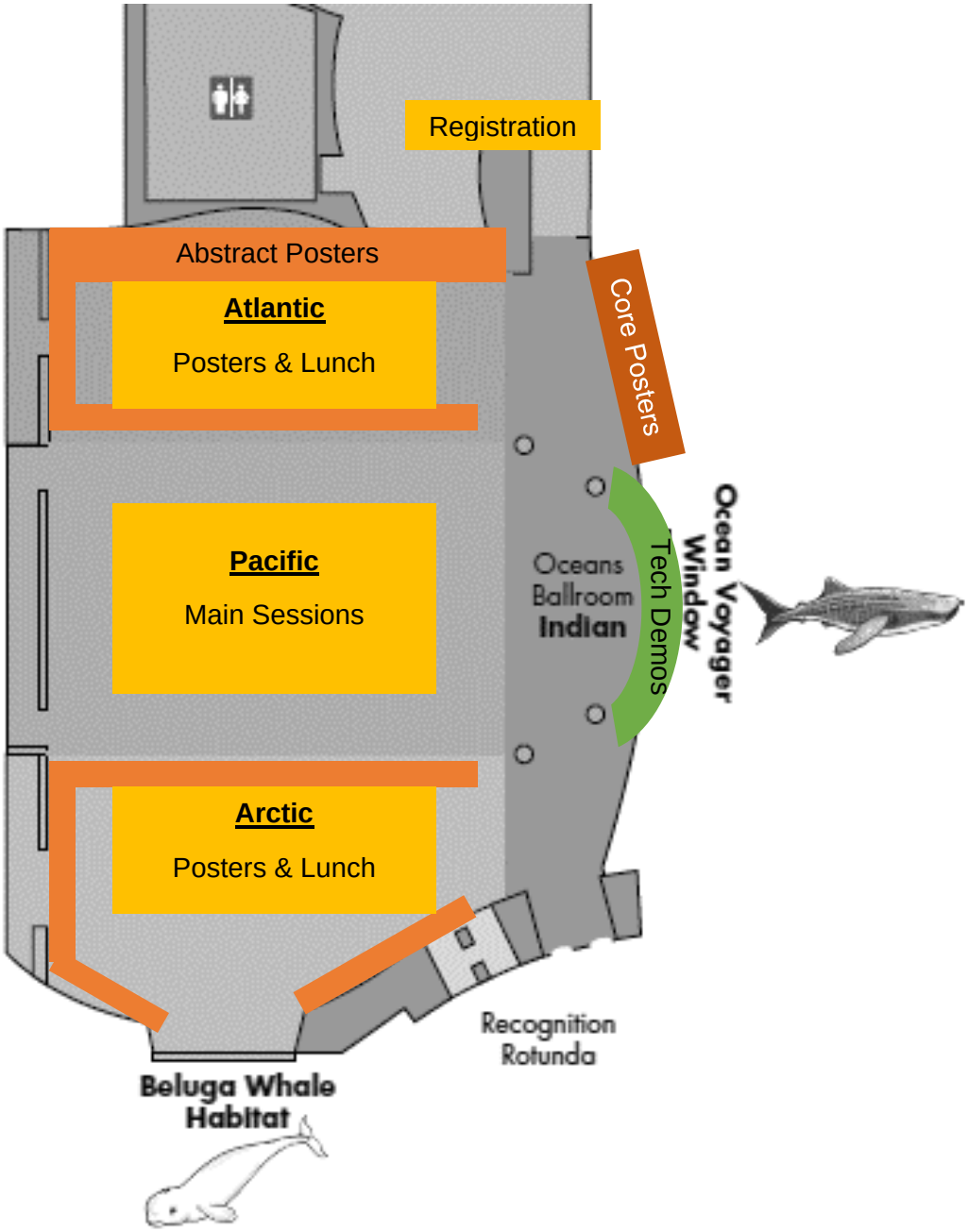
SOUTHEASTERN PEDIATRIC RESEARCH INNOVATION CONFERENCE

June 22, 2016

Georgia Aquarium

EMORY • Children's • GT
Pediatric Research Alliance

Georgia Aquarium Map



Lunch: A buffet lunch will be set up in the Indian room, with tables in the Atlantic and Arctic rooms. Please consider joining one of our keynote speakers or co-chairs for lunch at one of the designated tables.

Parking: Please pick up a complimentary parking voucher at the registration desk. You will need a voucher when exiting the parking deck.

Nursing Room: A private nursing room is available before the registration desk and restrooms. Please look for the sign posted outside one of the Green Rooms or ask for directions at the registration desk.

Name Tags: Please recycle your name tag at the registration desk before leaving!

Contents

View Molecules for Minions abstracts and a participant directory online at www.pedsresearch.org!

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Agenda

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
	Donna Hyland President & CEO, Children's Healthcare of Atlanta **Rafael L. Bras, ScD** Provost & Executive Vice President for Academic Affairs, K. Harrison Brown Family Chair, Georgia Institute of Technology **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

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
	“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 “Applications of Hairpin DNA Functionalized Gold Nanoparticles for Molecular Identification of Disease” **Alexis Wong**, Stephen Jackson, Thomas Scherr and David Wright “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 “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 “Correction of Diamond-Blackfan Induced Pluripotent Stem Cells via CRISPR” Frederick Goldman, **Erik Westin**, Divya Devadasan, Chao Li, Lei Ding and Tim Townes
9:25 – 9:35	Rapid-Fire Talks on Cores
	• 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
	“Longitudinal Development of Social Visual Engagement in Infants Later Diagnosed with ASD” **Lindsay Olson**, Ami Klin, Sarah Shultz and Warren Jones “Drug Screening in Zebrafish to Identify Corrective Compounds for Muscular Dystrophies” **Matthew Alexander**, Devin Gibbs, Janelle Spinazzola, Lillian Mead and Louis Kunkel

12:00 - 1:30	**Lunch with Speakers and Co-Chairs**
12:30 – 1:30	**Technology Demonstrations**
1:30 - 1:40	Afternoon Welcome
	Yasmin Tyler-Hill, MD, FAAP Chair and Associate Professor, Department of Pediatrics, Morehouse School of Medicine Medical Director, Children's Healthcare of Atlanta – Hughes Spalding
1:40 - 2:10	Short Talks on Selected Abstracts
	"HIV Pediatric Cure: a Rhesus Macaque Model" **Maud Mavigner**, Jakob Habib, Ray Schinazi, Romas Geleziunas, Don Sodora, Jacob Estes, Guido Silvestri and Ann Chahroudi "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
2:10 - 2:30	Rapid-Fire Talks on Selected Abstracts
	"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 Hambardzymyan "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 "Trends in Neonatal Surgical Outcomes in Children's Versus Non-Children's Hospitals" **Heather Short**, Alexandra Savinkina and Mehul Raval "Production, Characterization and Immunogenicity of Candidate Ebolavirus VLP Based Vaccines" **Karnail Singh**, Xuemin Chen, Jaang-Jiun Wang, Yelena Blinder and Paul Spearman "T-cell Depletion Improves Diastolic Dysfunction in Mice with Uremic Cardiomyopathy" **Pamela Winterberg**, Rong Jiang, Mary B. Wagner and Mandy Ford
2:30 - 3:10	**Break & Poster Session**
3:10 - 3:55	"Systems Biology of Transplantation"
	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
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.

Speaker Biographies

Ian Andrew Wilson, DPhil, DSc, FRS, FRSE received a B.Sc. in Biochemistry from the University of Edinburgh, a Doctor of Philosophy in Molecular Biophysics from Oxford University, and did postdoctoral research at Harvard University. Dr. Wilson has been a Professor at The Scripps Research Institute since 1982 and is Hansen Professor of Structural Biology and Chair of the Department of Integrative Structural and Computational Biology. His laboratory focuses on immune recognition and, in particular, on how pathogens are recognized by the adaptive and innate immune systems. His laboratory has determined crystal structures of many different antibodies (>175) with a variety of antigens, as well as MHC class I and class II, CD1, T cell receptors, cytokine receptors, Toll-like receptors, and other key pattern recognition receptors. Dr. Wilson's current focus is on how microbial pathogens are neutralized by broadly neutralizing antibodies of the immune system, particularly influenza virus, HIV-1 and HCV. His lab recently determined crystal structures of the HIV-1 gp140 envelope glycoprotein and the HCV E2 surface glycoprotein. Dr. Wilson also directs the Joint Center for Structural Genomics (JCSG) that has pioneered new methods for high throughput structural studies, including x-ray and NMR. The JCSG has determined over 1600 novel structures since its inception in 2000, and is one of four high-throughput production centers in NIH NIGMS PSI: Biology. Dr. Wilson is a Fellow of the Royal Society, Corresponding Fellow of the Royal Society of Edinburgh, Member of the American Academy of Arts and Sciences, has a D.Sc. from Oxford University and has published more than 665 papers.

Jonathan S. Towner, PhD, a California native, completed his undergraduate degree at the University of California, Berkeley, and his PhD at the University of California, Irvine. He leads the Virus Host Ecology Section within the Viral Special Pathogens Branch at the Centers for Disease Control and Prevention. His team conducts ecological investigations of marburgvirus and ebolavirus outbreaks with the goal of identifying the reservoir hosts of these viruses. His team also studies the mechanisms used by these viruses to persist long-term in nature, and the drivers that might cause virus spillover to humans. Recent accomplishments include the discovery of the Egyptian fruit bat (Rousettus aegyptiacus) as a natural reservoir for marburgviruses, the only known filovirus reservoir, and the discovery of Bundibugyo virus, the newest member of the Ebolavirus genus. Dr. Towner is often deployed to filovirus outbreaks in Africa to establish and operate molecular diagnostic field labs, including the CDC lab in Bo, Sierra Leone, that tested over 27,000 human diagnostic specimens during the 2014 Ebola virus outbreak. Dr. Towner has over 20 years of experience as a molecular virologist and 18 years of experience conducting virus research under BSL-4 containment. He has experience working with Centers for Disease Control and Prevention, the Division of High Consequence Pathogens and Pathology, Viral Special Pathogens Branch, and he was the Lead at Virus Host Ecology Section.

Leslie Kean, MD, PhD received her MD and PhD at Emory University School of Medicine, Atlanta, GA, followed by a residency in Pediatrics and Fellowship in Pediatric Hematology/Oncology/BMT at Emory. She is currently the Associate Director, Ben Towne Center for Childhood Cancer Research at Seattle Children's, an Associate Professor in the Department of Pediatrics at the University of Washington and an Associate Member of the Fred Hutchinson Cancer Research Center. The Kean lab is focused on understanding the mechanisms controlling immune tolerance, with projects focused on T cell mediated rejection after transplant, Graft-versus-host disease and immune reconstitution. To address these questions, Dr. Kean has developed translational large animal models as well as clinical trials testing novel targeted costimulation blockade-based strategies for tolerance induction.

Pediatric Research Alliance Cores

Please visit core posters in the Indian Ballroom.

Animal Physiology Core

The Animal Physiology Core provides pediatric researchers with services and equipment to develop and characterize animal models relevant to investigating pediatric diseases. We perform acute and survival surgery for rats and mice, as well as USDA regulated animals such as rabbits, guinea pigs, and piglets. The Core also has available for use a Visualsonics Vevo 2100 High Frequency Ultrasound system that allows high resolution small animal ultrasound examinations for noninvasive measurement of in vivo structure and function. The newly acquired Vevo LAZR add-on system for the Visualsonics incorporates photoacoustic imaging into high-resolution ultrasound allowing for anatomical, functional, and molecular imaging. In addition to the variety of surgical services offered and small animal ultrasound, the directors are willing to work with investigators to develop new surgical and imaging techniques to meet their needs. Contact: Josh Maxwell, PhD, joshua.t.maxwell@emory.edu.

Biorepository Core

The Center for Clinical and Translational Research (CCTR) has a new core that offers laboratory and technical assistance for collecting, storage and analysis of patient samples collected as part of a clinical study, to investigators conducting basic science, epidemiologic, translational and clinical research related to improving child health. The Molecular and Clinical Trials Laboratory and Biorepository is located on the second floor of the Emory Health Sciences Research Building (E-264). The MCTL and Biorepository supports clinical research for Emory IRB approved clinical studies. Our mission is to support and compliment the research efforts of qualified investigators by providing laboratory research services and access to biological samples that represent a variety of diagnoses and healthy volunteers. Contact: Brad Hanberry, PhD, bradley.hanberry@emory.edu.

Biostatistics Core

The Biostatistics Core provides assistance with analytics and statistical methodology for the design and preparation of studies, grant proposals, and manuscripts. Two PhD biostatisticians and several masters level biostatisticians are available to consult and provide expertise to meet pediatric researchers' data management and statistical analysis needs. Contact: Courtney McCracken, PhD, courtney.mccracken@emory.edu.

Cardiovascular Imaging Core

Cardiovascular Imaging Core (CIRC) provides non-invasive cardiovascular imaging support for investigators involved in clinical research involving infants, children and adolescents. The CIRC has dedicated space, equipment and experienced staff to provide high quality cardiovascular imaging services as well as post-processing of previously acquired images using specialized software. These services include performance of a routine complete or limited congenital or non-congenital two-dimensional echocardiography, color and spectral Doppler imaging; advanced echocardiographic imaging including three-dimensional echocardiography, tissue Doppler imaging, strain and strain rate imaging; stress echocardiography and cardiac magnetic resonance imaging. We recently expanded our research administration offerings to include data coordinating center and core imaging site capabilities for multi-center studies. Contact: Heather Friedman, Heather.Friedman@choa.org.

Grants Editing & Manuscript Support Core

The Grants Editing & Manuscript Support Core (GEMS) provides a number of resources to aid grant and manuscript development and writing. We are available to help investigators at all levels, and offer special programs and resources to help junior investigators establish a strong research track record. Services include: general writing education and guidance, help in finding mentors and collaborators, and finding appropriate grant funding opportunities. Resources include boilerplate materials and access to library materials from successfully funded grants. Contact: Stacy Heilman, PhD, Stacy.heilman@emory.edu.

Laboratory and Pathology Clinical Research Core

The Children's Healthcare of Atlanta Laboratory and Pathology Clinical Research Core provides clinical laboratory testing, specimen processing, research histology, and de-identified tumor bank specimens to investigators conducting research at CHOA (Egleston and Scottish Rite) and affiliated organizations. The lab currently provides services for over 130 actively enrolling studies since merging with the CHOA core lab in January 2015. It has a tiered pricing schedule, which is based on individual study sponsors and the time required for processing and shipping. The clinical research technologists are all IATA and CITI trained to ensure research samples are processed accurately and shipped to laboratories around the world following federal regulations. Contact: Megan Hamling, MPH, Megan.Hamling@choa.org.

Pediatric Heart Diseases Data Registry Core

The Pediatric Heart Diseases Data Registry Core (PHDD) provides access to the rich collection of data from the Pediatric Cardiac Care Consortium (PCCC). PCCC includes outcome events from surgical, catheter-based and electrophysiologic interventions for pediatric and congenital heart diseases (CHD). Between 1982 and 2011, over 300,000 event outcomes from over 140,000 patients have been collected. The core provides consultation assistance with research questions related to the use of the PCCC registry for outcome studies related to CHD. Forms for requests for research projects can be found at http://www.pedsresearch.org/research/cores/phddcore and submitted for consideration to the staff of PHDD. Contact: Lazaros Kochilas, MD, MSCR, Lazaros.kochilas@emory.edu.

Ga Tech's Systems Mass Spectrometry Core

Ga Tech's Systems Mass Spectrometry (SyMS-C) is a state-of-the-art facility that provides both proteomics and metabolomics core services. Proteomics services include protein identification of simple and complex mixtures, relative protein quantification, and protein characterization. Metabolomics services include both targeted assays for many analyte classes as well as untargeted assays to evaluate the entire metabolome in biofluids and tissues. Contact: David Smalley, dsmalley@gatech.edu.

Biopolymer Characterization

Does your research involve enzymes or proteins of any kind? Well then, the BPC core is designed especially for your research needs! As one of 12 distinct IBB Petit Institute core facilities available to the GT community, we are equipped with a wide range of state-of-the-art instrumentation intended to help you better understand the structure(s) and/or function(s) of your respective biomolecules under a variety of conditions. Whether it be separation and purification, structural and functional analysis, kinetic analysis, high-throughput analysis, or combination methods, we have the instrumentation and the expert advice you need to accomplish your research goals. Contact: John "Mick" Robbins, John.Robbins@chbe.gatech.edu.

Molecular Evolution

The Molecular Evolution core performs phage, bacterial and yeast displays, SELEX, yeast 2-hybrid, and related experiments. Additional core services include protein engineering, custom cloning, and next generation sequencing. Contact: Anton Bryksin, PhD, anton.bryksin@ibb.gatech.edu.

Petit Institute's Optical Microscopy Core

The Petit Institute's Optical Microscopy Core provides state-of-the-art microscopy tools to Georgia Tech researchers and the surrounding academic and industrial community. Expert training and consultation is available from the core staff on all of our systems including point scanning confocal, spinning disk confocal, 2-photon, SIM and PALM super-resolution, and lightsheet microscopes. Advanced imaging modalities including Live-cell, single plane illumination/lightsheet, FRET, FRAP, FCS, TIRF, multipoint imaging and many others are available. Contact: Aaron W. Lifland, PhD, Aaron.lifland@ibb.gatech.edu.

Pediatric Research Alliance Centers

Please visit www.pedsresearch.org for more information.

Aflac Cancer and Blood Disorders Center

Director: Doug Graham, MD, PhD

Every advancement in curing childhood cancer and blood disorders is the result of advanced research. The Aflac Cancer and Blood Disorders Center of Children's conducts important research in the following areas: BMT, brain tumors, leukemia and lymphoma, solid tumors, cancer survivorship, hemophilia and thrombosis, sickle cell disease, gene therapy and transfusion medicine.

Center for Childhood Infections and Vaccines

Director: Marty Moore, PhD

Infectious diseases are the leading cause of death in children worldwide. Researchers in the Center for Childhood Infections and Vaccines are working closely with the Emory Vaccine Center and the Centers for Disease Control and Prevention to find new ways to stop the spread of infectious diseases and save the lives of children. This includes developing new vaccine and treatment options for many infectious diseases, including respiratory syncytial virus, measles, malaria, HIV, Zika, Ebola and more.

Center for Clinical and Translational Research

Director: Cynthia Wetmore, MD, PhD

This center provides organization and leadership for clinical trials science, and acts as a central point for training and recruiting clinical trialists in a variety of disciplines. The center also serves as the scientific home for leaders in nursing research, as well as the home of the **Center for Clinical Outcomes Research and Public Health.** Researchers in this center focus on identifying new methods to measure and improve pediatric healthcare outcomes. Emphasis is placed upon evaluating comparative effectiveness in a variety of clinical areas including birth and neonatal outcomes, neurodevelopmental outcomes and transition of care from the teenage years into adulthood for those populations who suffer from chronic illness. There is also an important focus on wellness including health promotion and obesity prevention.

Center for Cystic Fibrosis and Airways Disease Research

Director: Nael McCarty, PhD

Cystic fibrosis is a devastating genetic disease that affects tens of thousands of children and young adults in the United States. Because it hampers the lungs' ability to remove mucous, cystic fibrosis leads to severe lung infections and shortens the lives of our patients. Asthma is the number one reason for admission at Children's Healthcare of Atlanta and has public health implications. Researchers at this center are working to develop new therapies, drugs, and tools to improve and extend the quality of lives of children with these conditions.

Center for Drug Discovery

Director: Baek Kim, PhD

Researchers at this center study and develop new drugs for a range of pediatric conditions, including infectious and neglected diseases, inflammatory conditions, cancers and blood disorders.

Children’s Center for Neurosciences Research

Director: Ton de Grauw, MD, PhD
Research Director: Alex Kuan, MD, PhD

The vision of Children’s Center for Neurosciences Research is to conduct research that will improve neurological care for children. In this center, clinical physician scientists and laboratory-based researchers collaborate closely to discover and identify preventive, diagnostic and wellness strategies for children with serious neurological challenges.

Center for Pediatric Innovation

Directors: Bob Guldberg, PhD and Kevin Maher, MD

Interdisciplinary research and innovation are required to address today's grand challenges in pediatric healthcare and will help transform the practice of medicine over the next 20 years. The Center for Pediatric Innovation (CPI) focuses on utilizing cutting edge technologies to advance regenerative medicine based therapies for children; developing new diagnostic and therapeutic strategies for detecting and treating pediatric diseases; and designing novel pediatric medical devices to improve the care of children.

To foster the translation of medical devices for children, CPI investigators have partnered with the Atlantic Pediatric Device Consortium (APDC), funded by the U.S. Food and Drug Administration. Historically, medical devices designed for adults have been used in children. This is less than optimal because children differ from adults not only in terms of their size, but also in their growth, development, and immune responses. To foster the development of medical devices for children, the CPI and the APDC help inventors with reviewing, testing and developing their devices. APDC provides assistance with engineering design, prototype development, pre-clinical and clinical studies and commercialization for novel pediatric medical devices.

Center for Pediatric Nanomedicine

Director: M.G. Finn, PhD

This pediatric research center is the first in the nation to be solely dedicated to the study and advancement of pediatric nanomedicine. Because nanomedicine can be applied to many pediatric diseases and conditions, nanomedicine has the potential to profoundly improve—if not completely revolutionize—the treatment, care and ultimate cure of many childhood diseases and conditions.

Center for Transforming Pediatric Healthcare Delivery

Director: Beth Mynatt, PhD

The Center for Transforming Pediatric Healthcare Delivery (CTPHD) brings the talents and knowledge of diverse disciplines at Georgia Tech, Emory and Children’s Healthcare of Atlanta to transform pediatric healthcare delivery to make pediatric care more effective, accessible and ubiquitous for all children in Georgia. In particular, CTPHD works towards transformation through six focus areas: modeling and simulation; actionable knowledge through big data; devices and sensors; mobile and distributed strategies; patient engagement and education; and policy and healthcare enterprise transformation.

Center for Transplantation and Immune-mediated Disorders

Director: Subra Kugathasan, MD

When a child receives an organ transplant, his body may attack the new organ as foreign. In the same way, autoimmune diseases also cause the body to attack a part of itself as foreign. Researchers at this center are exploring new treatment options for children undergoing organ or bone marrow transplantation, and for those with autoimmune disorders.

Heart Research and Outcomes Center

Director: Mike Davis, PhD

The fields of pediatric cardiology and surgery have greatly improved the survival rate of children with congenital heart defects and heart disease. As this population now survives initial diagnoses, new efforts are focused on long-term developmental and neurological outcomes, as well as novel ways to study and treat continuing disorders. Exciting projects by Heart Research and Outcomes Center researchers include development of a biological pacemaker, stem cell therapy for heart failure, studies of developmental biology, understanding the links between heart disease and cognitive function, and tracking outcomes to enhance diagnosis and treatment of pediatric heart disease.

Marcus Autism Center

Director: Ami Klin, PhD
Director of Research: Warren Jones, PhD
Director of Communication Operations: Chris Gunter, PhD

Marcus Autism Center is a not-for-profit organization and subsidiary of Children's Healthcare of Atlanta that treats 5,000 children a year directly and impacts another 10,000 through community programs. As one of the largest autism centers in the U.S. and one of only three National Institutes of Health (NIH) Autism Centers of Excellence, Marcus Autism Center offers families access to the latest research, comprehensive evaluations and intensive behavior treatments. With the help of research grants, community support and government funding, Marcus Autism Center aims to maximize the potential of children with autism today and transform the nature of autism for future generations. Our research includes studies on social engagement, parent training and education, severe behaviors, feeding disorders, language acquisition, and vocal communication.

Egleston Pediatric Research Center

The Pediatric Research Center (PRC) at Egleston was created to facilitate Children's Healthcare of Atlanta’s vision for clinical excellence. Inpatient and outpatient units offer core support facilities (e.g. cardiology) and resources including nursing, pharmacy, laboratory, and bio nutrition. The PRC studies children with asthma, cardiac disease, hypertension, Crohn’s Disease, Type 1 and 2 Diabetes Mellitus, kidney and hepatic disease, Sickle Cell, cystic fibrosis and MRSA. Research studies follow exacting standards for delivering the interventions and collecting the requisite data. To learn more about how the PRC can support your research, please call the PRC at 404-785-0400, or email Stephanie Meisner, RN, BSN, CCRP, Clinical Research Manager, at stephanie.meisner@choa.org.

Sponsors

Acknowledgements

2016 Molecules for Minions Planning Committee

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