

Agenda

Thursday, October 23, 2014			
7:30-8:00	Continental Breakfast Provided	3:30-4:30	Benefits of Special Needs Camps for the Pediatric Hematology/Oncology Patient Richard Brown, MSN, CRNP, JD, FAANP Mary Cathrine Noa, BSN, RN Kristen Osborn, RN, CRNP, AC/PC
8:00-8:15	Introductions Frederick D. Goldman, MD		
8:15-9:15	Update on Hematopoietic Stem Cell Transplantation for Pediatric Acute Leukemia Joe Chewning, MD	4:30	Adjournment
9:15-10:15	Industrial Hygiene Control Strategies for the Prevention of Hospital Acquired Infections Beth Powell, BA, MHRM, CT (ASCP), EMHP Emily Dawson, CSP		
10:15-10:30	Break		
10:30-11:30	Genetic Studies of Marrow Failure and MDS Akiko Shimamura, MD, PhD		
11:30-12:00	Lunch		
12:00-1:00	GRAND ROUNDS LECTURE Gene Therapy for Immunodeficiency and Other Pediatric Disorders Sung-Yun Pai, MD		
1:00-1:15	Break	<h2>Continuing Education</h2> <p>CME Children's of Alabama designates this live activity for a maximum of 7 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.</p> <p>Children's of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.</p>	
1:15-2:15	Genetic Testing in Children with Cancer and Blood Disorders Bruce Korf, MD		
2:15-3:15	Common Ethical and Legal Issues in Pediatric Hematology/Oncology Richard Brown, MSN, CRNP, JD, FAANP		
3:15-3:30	Break		

Learning Objectives

Update on Hematopoietic Stem Cell Transplantation for Pediatric Acute Leukemia <ol style="list-style-type: none">1. List indications for hematopoietic stem cell transplantation (HSCT) for acute leukemia.2. Define the process for donor selection.3. Describe known recipient risk factors for HSCT.4. Explain current preparative regimens for acute leukemia.5. Explain current outcome following HSCT for acute leukemia.6. Describe graft versus leukemia and techniques to augment the anti-leukemia potential of HSCT.	Genetic Testing in Children with Cancer and Blood Disorders <ol style="list-style-type: none">1. Explain difference between germ line and somatic genetic testing in childhood cancer.2. Describe the indications for testing for cancer predisposition.3. Explain how genetic testing can be used to inform treatment decisions in childhood cancer.
Industrial Hygiene Control Strategies for the Prevention of Hospital Acquired Infections <ol style="list-style-type: none">1. Discuss the role of Industrial Hygiene and Infection Prevention and Control in the construction process from project inception to project completion.2. Identify Industrial Hygiene strategies to prevent and manage hospital acquired infections.	Common Ethical and Legal Issues in Pediatric Hematology/Oncology <ol style="list-style-type: none">1. Define medical ethics and associated terms.2. Define the principals of modern medical ethics.3. Discuss the ethical dilemmas encountered on a regular basis in pediatric hematology/ oncology including recent cases.4. Describe the role of the hospital Ethics Committee.5. Describe the mechanism for referral to the Ethics Committee and be empowered to actively participate in the process.6. Discuss the healthcare provider's legal obligations with regard to patient care.7. Discuss advanced directives, patients' rights and healthcare providers' responsibilities, including unique situations in pediatrics.
Genetic Studies of Marrow Failure and MDS <ol style="list-style-type: none">1. Examine the molecular mechanisms underlying inherited marrow failure and Myelodysplastic Syndrome (MDS).2. Recognize the clinical and biological overlap between pediatric MDS and marrow failure.3. Describe current advances in genetic testing and how this has changed the diagnostic approach to these patients.	Benefits of Special Needs Camps for the Pediatric Hematology/Oncology Patient <ol style="list-style-type: none">1. Describe the special needs camping opportunities available to children with a variety of hematologic and oncologic diagnoses.2. Describe the role of special needs camps in the education, recreation and therapy of the child with cancer or a blood disorder.3. Discuss the benefits of participation in special needs camping programs for the pediatric hematology and oncology patients.
Gene Therapy for Immunodeficiency and Other Pediatric Disorders <ol style="list-style-type: none">1. Describe the principle of gene therapy and history with regards to diseases treated, efficacy and safety.2. Recognize the current status of gene therapy trials for pediatric disorders of the blood.	

This conference is made possible by a generous gift from the Tucker Beam family.

Registration

FOR ONLINE REGISTRATION, please visit
ChildrensAL.org/committedtoacure

Or complete the form below and mail, email or fax
registration form and payment to:
Denise Bristow
Alabama Center for Childhood Cancer and Blood Disorders
1600 7th Avenue South, Lowder Building, Suite 512
Birmingham, AL 35233
dbristow@peds.uab.edu FAX 205.975.1941

\$35 to Attend

Please make checks payable to Children's of Alabama.

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____ Check here if a Children's or UAB employee.
Symposium is free to Children's of Alabama
and UAB employees, but you must show your
ID badge to enter.

Special dietary needs _____

**Parking will be available
in the Children's Park Place Deck.**
The entrance to the deck is at
16th Street South and 5th Avenue South.

Questions?
Please call 205.638.5443.

Speakers

Richard Brown, MSN, CRNP, JD, FAANP
Pediatric Nurse Practitioner & Attorney
Pediatric Bone Marrow Transplant Program Coordinator
Children's of Alabama

Joseph H. Chewning, MD
Assistant Professor
UAB Division of Pediatric Hematology/Oncology
Children's of Alabama

Emily S. Dawson, CSP
Corporate Industrial Hygienist
Children's Healthcare of Atlanta

Bruce R. Korf, MD
Wayne H. and Sara Crews Finley Chair in Medical Genetics
Professor, UAB Department of Genetics

Mary Cathrine Noa, BSN, RN
Hemophilia Nurse Coordinator
UAB Division of Pediatric Hematology/Oncology
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Kristen Osborn, RN, CRNP, AC/PC
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Assistant Professor
Children's Hospital of Boston/Harvard Medical School

Beth Powell, BA, MHRM, CT (ASCP), EMHP
Infection Control Industrial Hygienist
Children's Healthcare of Atlanta

Akiko Shimamura, MD, PhD
Associate Professor of Pediatrics, University of Washington
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**5th Annual Advancement in the Care of
Pediatric Cancer & Blood Disorders Symposium
AT CHILDREN'S OF ALABAMA**

October 23, 2014
Thursday, 7:30am - 4:30pm
Bradley Lecture Center
4th Floor, Children's Harbor Building
1600 6th Avenue South
Birmingham, AL 35233

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