Advances in Cellular Immunotherapy and Stem Cell Transplantation

Thursday, June 7, 2018

Ruth and Tristram Colket, Jr.
Translational Research Building on the Raymond G. Perelman Campus

Register online: chop.cloud-cme.com
Overview
This is an exciting time in the fields of immunotherapy and hematopoietic stem cell transplant. Scientific discoveries and treatment advances are happening at an incredible pace. To help you keep up with the latest advances, our thought leaders in the Cell Therapy and Transplant Section are hosting an interactive symposium in June 2018. Join the discussion regarding the latest updates and hear what the future holds for CAR-T therapy and cell and graft engineering for curative and supportive care!

General Information
The conference will be held in the Ruth and Tristram Colket, Jr. Translational Research Building on the Raymond G. Perelman Campus at Children’s Hospital of Philadelphia. The registration fee is $150 for physicians, $100 for nurses, $75 for fellows and includes continental breakfast, breaks, lunch, parking and syllabus material.

Course Objectives
• Explore current approaches to hematopoietic stem cell transplantation (HSCT) in pediatric patients with malignant and nonmalignant conditions
• Explore current approaches in immunotherapy in pediatric patients with malignant conditions
• Discuss the future of both of these therapies and upcoming research studies
• Highlight best practices in supportive care for patients undergoing HSCT and immunotherapy

ACCME Accreditation Statement
Children’s Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education for physicians.

AMA Credit Designation Statement
Children’s Hospital of Philadelphia designates this live activity for a maximum of 6.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Continuing Nursing Education Approved Provider Statement
Children’s Hospital of Philadelphia is an approved provider of continuing nursing education by the Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

Hotel Accommodations
A block of rooms has been reserved at reduced rates at The Sheraton University City, located just a few blocks from Children’s Hospital. The group overnight rate is $172 single and double occupancy plus a 15.2 percent room tax. Participants are required to make their own hotel reservations by calling the Sheraton directly at 215-387-8300. Please mention the name of the conference when making your reservation. The special room rate will be available until Monday, May 7, 2018. After that date, reservations will be accepted on a space and rate availability basis.

Cancellation and Refund Policy
Children’s Hospital of Philadelphia reserves the right to cancel or postpone any course due to any unforeseen circumstances. In the event of cancellation or postponement, Children’s Hospital of Philadelphia will refund any registration fees, less a $40 service charge, but is not responsible for any related costs, charges or expenses to participants, including cancellation charges assessed by airlines or travel agencies. In order to process refunds for course withdrawals, cancellation must be received in writing by Tuesday, May 29. No refunds will be issued thereafter.

Services for People with Disabilities
If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.
Program | Thursday, June 7, 2018

7:30 a.m.  Registration and Continental Breakfast

8:10 a.m.  Welcome and Introduction
Stephen P. Hunger, MD

8:15 a.m.  New Developments in the Treatment of Hematologic Malignancies
Stephen P. Hunger, MD

8:40 a.m.  The CAR T-cell Revolution in Leukemia
Stephan A. Grupp, MD, PhD

9:20 a.m.  Intrinsic T-cell Dysfunction in Pediatric Oncology
David M. Barrett, MD, PhD

9:50 a.m.  Retreatment to Overcome CAR T-cell Resistance
Shannon L. Maude, MD, PhD

10:20 a.m.  Break

10:40 a.m.  Keynote: Cancer Immune Surveillance
Robert H. Vonderheide, MD, DPhil

11:30 a.m.  Cellular Immunotherapy Against Viruses
Yongping Wang, MD, PhD

Noon  The Evolution of T-cell Depletion: Getting Better All the Time
Nancy J. Bunin, MD

12:30 p.m.  Lunch

1:30 p.m.  Challenges in AML CAR T-cell Immunotherapy
Sarah K. Tasian, MD

2 p.m.  Development of CAR T-cell Platform for Therapeutic Applications to Glioblastoma
Donald M. O’Rourke, MD

2:30 p.m.  Break

2:40 p.m.  Frontiers in HSCT-SCD/Thalassemia
Timothy S. Olson, MD, PhD

3:10 p.m.  Ethics in Pediatric Stem Cell Transplantation
Steven Joffe, MD, MPH

3:40 p.m.  Advances in the Treatment of Immunodeficiencies: Not Living in a Bubble Anymore
Jennifer Heimall, MD

4:10 p.m.  Q&A Panel and Closing Remarks

4:30 p.m.  Cocktail Reception

Nursing Breakouts

Noon  The Important I’s in Transplant: Isolation and Immunizations
Ellen M. Levy, RN, MSN, CRNP; Anne Wohlschlaeger, RN, MSN, CRNP

2 p.m.  CAR T-cell Therapy and Nursing Considerations
Diane Baniewicz, RN, MSN, CRNP; Colleen Callahan, RN, MSN, CRNP; Laura Smith, RN, MSN, CRNP, CPON
Unless otherwise noted, faculty is from Children’s Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.

**Course Directors**

Nancy J. Bunin, MD  
Medical Director, Blood and Marrow Transplant Program  
Blood and Marrow Transplant Program Manager  
Division of Oncology, Cellular Therapy and Transplant Section  
Professor of Pediatrics

Stephan A. Grupp, MD, PhD  
Chief, Cellular Therapy and Transplant Section  
Director, Cancer Immunotherapy Program  
Director, Translational Research, Center for Childhood Cancer Research  
Professor of Pediatrics

**Course Faculty**

Diane Baniewicz, RN, MSN, CRNP  
Advanced Practice Nurse  
Cancer Center

David M. Barrett, MD, PhD  
Attending Physician, Division of Oncology  
Assistant Professor of Pediatrics

Colleen Callahan, RN, MSN, CRNP  
Advanced Practice Nurse  
Cancer Center

Jennifer Heimall, MD  
Attending Physician, Division of Allergy and Immunology  
Medical Director, Day Medicine  
Assistant Professor of Clinical Pediatrics

Stephen P. Hunger, MD  
Chief, Division of Oncology  
Director, Center for Childhood Cancer Research  
Professor of Pediatrics

Steven Joffe, MD, MPH  
Attending Physician, Division of Oncology  
Chief, Division of Medical Ethics  
Professor, Medical Ethics and Health Policy  
Professor of Pediatrics

Ellen M. Levy, RN, MSN, CRNP  
Advanced Practice Nurse  
Cancer Center

Shannon L. Maude, MD, PhD  
Attending Physician, Division of Oncology  
Fellowship Director, Cancer Immunotherapy Program  
Assistant Professor of Pediatrics

Sharon Miller, MSN, RN  
Nursing Professional Development Specialist  
Nursing Professional Development Department

Timothy S. Olson, MD, PhD  
Attending Physician  
Comprehensive Bone Marrow Failure Center, Division of Hematology  
Blood and Marrow Transplant Program, Division of Oncology  
Assistant Professor of Pediatrics

Laura Smith, RN, MSN, CRNP, CPON  
Advanced Practice Nurse  
Cancer Center

Sarah K. Tasian, MD  
Attending Physician, Division of Oncology  
Center for Childhood Cancer Research  
Assistant Professor of Pediatrics

Yongping Wang, MD, PhD  
Director, Cell and Gene Therapy Lab  
Assistant Professor, Department of Pathology and Laboratory Medicine

Anne Wohlschlaeger, RN, MSN, CRNP  
Advanced Practice Nurse  
Cancer Center

**Guest Faculty**

Donald M. O’Rourke, MD  
Associate Professor, Department of Neurosurgery  
Abramson Cancer Center

Robert H. Vonderheide, MD, DPhil  
Director, Abramson Cancer Center  
Professor of Cancer Research

©2018 The Children’s Hospital of Philadelphia. 18CME0195/WEB/04-18