

Live Webinar
Option
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RAAB MULTIDISCIPLINARY CANCER SYMPOSIUM: CELLULAR THERAPIES IN ONCOLOGY



May 19, 2023

**The Education Center at Eastern AHEC
2600 W. Arlington Blvd.
Greenville, NC
Also Offered Via Webinar**

Jointly Provided by: East Carolina University® Department of Surgery and Continuing Medical Education of the Brody School of Medicine at East Carolina University, ECU Health Cancer Care, and Eastern AHEC Department of Nursing and Allied Health Education in association with Eastern Area Health Education Center



Overview

Welcome to the 5th annual Raab Multidisciplinary Oncology Symposium! Beginning in 2018, we have provided a deep dive into melanoma, pancreas, colorectal and breast cancer. This year represents our first offering outside of the realm of solid tumors with a comprehensive review of cellular therapies (CAR-T) and bone marrow transplant for heme malignancy. As a rural health care system, we are extremely fortunate to practice in close proximity to two state-of-the-art cellular therapy and bone marrow programs with whom we have collaborated intensively since closing our own program in 2002. Our program begins with a historical perspective provided by Dr. Thomas Shea, Professor Emeritus and early faculty of the UNC bone marrow transplant program followed by Dr. Paul Martin, medical director of Duke's Children's Health Center who will share his perspective on the evolution of Stem Cell Transplant using unrelated umbilical cord blood cells. Following our lunch / networking session, Dr. Michael Douvas from the University of Virginia will provide practical guidance on indications and preparation of patients with Acute Lymphoblastic Leukemia for bone marrow transplant. Dr. Paul Armistead, director of the bone marrow transplant program at UNC and medical director of the Advanced Cellular Therapies Facility will then give his perspective on Stem Cell Transplant in the adult population. Following an afternoon break, Dr. John Serody, Director of the Cellular Therapies Program at the Carolina Cancer Hospital will provide the last titled presentation with a broad overview of the current state of CAR-T cell therapy in heme malignancy. The program will conclude with a panel discussion featuring our invited experts.

Whether you are a generalist providing care for patients with all cancer types in our rural geography or a specialist seeking the most up-to-date information on cellular therapies for cancer, this year's program has something to offer to enhance your knowledge and your practice. Please mark your calendars and plan to attend this year's Raab symposium to engage and network with your colleagues as well as this world class panel of speakers.

Who Should Attend

This conference has been planned for Oncologists, Pathologists, Surgeons, Internal Medicine and Primary Care Providers, Nurse Practitioners, Physician Assistants, Registered Nurses, and other health care providers involved in the care of cellular therapies in oncology.

Objectives

Upon completion of this knowledge-based program, the participant should be able to integrate new developments in the following areas into practice:

The History of Stem Cell Transplantation at UNC Chapel Hill

Discuss the following components of the UNC CH Stem Cell Transplant Program:

- Rationale for Developing a Program
- Initial Program Goals
- Program Milestones
- Current Status and Future Directions

Thirty Years Later, Where Are We with The Use of Unrelated Umbilical Cord Blood Cells For Stem Cell Transplant?

- Review the historical perspective of the development of unrelated umbilical cord blood (UUCB) cells for pediatric and adult stem cell transplants
- Discuss the major pro's and con's of the use of UUCB cells as a source of stem cells for stem cell transplant
- Describe the current state of the science for the use of UUCB cells in stem cells transplant for both malignant and non-malignant disease

Risk Stratification in Acute Lymphoblastic Leukemia and Indications for Allogeneic Stem Cell Transplant

- Describe the factors that are considered in current risk stratification of acute lymphoblastic leukemia
- Discuss how those factors are used in assessing appropriateness of allogeneic stem cell transplant for patients with ALL in first remission
- Review data on minimal residual disease specifically in regard to method and time point in regards to appropriateness of allogeneic stem cell transplant for patients with ALL in first remission

Anything New Under the Sun? The Current Role of Stem Cell Transplant in the Treatment of Cancer

- Discuss the rationale for autologous and allogeneic stem cell transplant
- Review the indications for autologous stem cell transplant for multiple myeloma, lymphoma, and germ cell tumors
- Review the indications and outcomes for allogeneic stem cell transplant for myelodysplastic syndrome, leukemia, and aplastic anemia

Update on Cellular Therapy to Treat Cancer

- Review the generation of function of CAR T cells
- Discuss the different types of adaptive immune cells for cancer therapy
- Discuss the complications of adoptive cellular therapy

Faculty

Physician Director

Emmanuel Zervos, MD, MBA

Executive Director Cancer Services, ECU Health Professor,
Division of Surgical Oncology
Raab Distinguished Professor of Adult Oncology
Brody School of Medicine at East Carolina University

Darla Liles, MD

Professor and Chief
Division of Hematology/Oncology
Brody School of Medicine at East Carolina University

Guest Faculty

Paul Armistead MD, PhD

Associate Professor of Medicine
Director - Bone Marrow Transplant Program
Medical Director Advanced Cellular Therapeutics Facility
UNC Lineberger Comprehensive Cancer Center
UNC Chapel Hill

Michael G. Douvas, MD

Associate Professor of Medicine and Pediatrics
Division of Hematology/Oncology
University of Virginia Health System

Paul L Martin, MD, PhD

Professor of Pediatrics
Duke University Medical Center
Medical Director
Children's Health Ctr.
Durham, NC

John Serody, MD

Elizabeth Thomas Professor of Medicine,
Microbiology and Immunology
Chief of the Division of Hematology
Associate Director for Translational Science
UNC Lineberger Comprehensive Cancer Center
Director Cellular Therapy Program
UNC Medical Center

Thomas C Shea, MD

John William Pope Emeritus Professor in Cancer Research
UNC Lineberger Comprehensive Cancer Center
UNC Chapel Hill

Agenda

- 9:15 a.m. **Registration Check-in and Virtual Sign-on**
- 9:45 a.m. **Welcome & Overview**
Emmanuel Zervos, MD, MBA
- 10:00 a.m. **The History of Stem Cell Transplantation at UNC Chapel Hill**
Thomas Shea, MD
- 11:00 a.m. **Thirty Years Later, Where Are We with The Use of Unrelated Umbilical Cord Blood Cells For Stem Cell Transplant?**
Paul Martin, MD
- 12:00 p.m. Lunch
- 12:30 p.m. **Risk Stratification in Acute Lymphoblastic Leukemia and Indications for Allogeneic Stem Cell Transplant**
Michael Douvas, MD
- 1:30 p.m. **Anything New Under the Sun? The Current Role of Stem Cell Transplant in the Treatment of Cancer**
Paul Armistead, MD
- 2:30 p.m. **Break**
- 2:45 p.m. **Update on Cellular Therapy to Treat Cancer**
John Serody, MD
- 3:45 p.m. **Q&A**
- 4:00 p.m. **Adjourn**

Credit

Accreditation:



This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The Brody School of Medicine at East Carolina University, ECU Health Cancer Care, and Eastern AHEC Department of Nursing and Allied Health Education in association with Eastern Area Health Education Center. The Brody School of Medicine at East Carolina University is accredited by the ACCME to provide continuing medical education for physicians.

Credit:

The Brody School of Medicine at East Carolina University designates this live activity for a maximum of 5.0 *AMA PRA Category 1 Credits™*. Physicians should claim only those credits commensurate with the extent of their participation in the activity.

CME for Physician Assistants:

AAPA accepts certificate of participation for educational activities certified for *AMA PRA Category 1 Credit(s)™* from organizations accredited by ACCME or a recognized state medical society. Physician Assistants may receive a maximum of 5.0 hours of Category 1 credit for completing this program.

Eastern AHEC Contact Hours: 5.0

This program has been approved for 5.0 EAHEC contact hours.
This activity was designated for 5.0 *AMA PRA Category 1 Credits™*.

Nurses: 5.0 Nursing Contact Hours

Eastern AHEC Department of Nursing and Allied Health Education is approved as a provider of nursing continuing professional development by the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Registration Information

Registration is online only at www.easternahec.net and requires a current MyAHEC account. Registration will close the day before the program at 12:00 p.m.

PREREGISTRATION AND FEE PAYMENT IS REQUIRED. Advance payment of fee is necessary to guarantee space. Registration fee includes educational sessions, breaks, lunch, and an e-syllabus. Registrations can be completed on-line at www.ecu.edu/cme.

Registration Fee: \$100.00 - All Participants
\$50.00 - Students

Webinar Participants: A link and information regarding joining via webinar will be included in your confirmation email. [Click here](#) for technical requirements and privacy information.

NC AHEC Photo Policy

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Eastern AHEC Cancellation Policy

- Cancellations must be in writing (easternahec@ecu.edu).
- Registrants canceling between two weeks and two full business days prior to the first day of the event are refunded at 70% of the registration fee subject to a minimum \$25 cancellation fee.
- No refunds or credits will be given for cancellations received less than two full business days prior to the event.
- Cancellations greater than two weeks prior to the event will receive 100% refund.
- No vouchers will be issued in lieu of a refund.
- Transfers/substitute(s) welcome (notify in advance of the program).

Handouts and Evaluations

Handouts will be available online only. One week prior to the program, registrants will receive a confirmation email with instructions to access handouts along with other program information.

Evaluations will be emailed after the program. Once the evaluation has been completed, your certificate will be available.

Americans with Disabilities Act



Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the ADA coordinator at least five days prior to the event at 252-737-1018 / ada-coordinator@ecu.edu.

Please be sure to bring a sweater or jacket for your comfort throughout the symposium. For further assistance, please call Gloria Forbes at **252.744.5208** or email at **forbesg16@ecu.edu**.