Targeted & Immunotherapy: The New Era in Cancer Management

Friday, April 7, 2017
Saturday, April 8, 2017

Double Tree by Hilton
8181 Airport Blvd.
Houston, TX 77061

Goal: Improve Use of Immunotherapy and Targeted Therapy in Cancer Management

www.acecancercareinc.org
Keynote Speaker

Patrick Hwu, MD

- Head, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center
- Department Chair, Department of Melanoma Medical Oncology, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center
- Department Chair, Department of Sarcoma Medical Oncology, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center
- Co-Director, Center for Cancer Immunology Research, Division of Cancer Medicine, The University of Texas MD Anderson Cancer Center
- The Sheikh Mohammed Bin Zayed Al Nahyan Distinguished University Chair

Dr. Patrick Hwu is a leading tumor immunologist focused on the areas of vaccines, adoptive T-cell therapies, and immune resistance. His research and clinical efforts have led to insights and advances in the understanding of the interactions between tumors and the immune system, and the development of cellular therapies. He is the principal investigator on several NIH R01 translational immunotherapy grants, and other peer-reviewed grants. Several novel, ongoing clinical trials have resulted based on his group’s work, which include a trial of T-cells modified with chemokine receptor genes to enhance their migration to the tumor. Most recently, his preclinical studies have focused on combinations of immune checkpoint blockade and T-cell therapy, as well as rational combinations of targeted therapies and immunotherapies. Both of these concepts are being moved into the clinic to improve treatment outcomes for our patients.

Dr. Hwu earned his medical degree from the Medical College of Pennsylvania in Philadelphia. Following his service as a house officer in Internal Medicine at The Johns Hopkins Hospital, he completed a fellowship in oncology at the National Cancer Institute, where he continued to work for 10 years as a Principal Investigator leading tumor immunology studies. He was recruited to MD Anderson Cancer Center as the first Chairman of the Department of Melanoma Medical Oncology in 2003. He has served as Co-Director of the Center for Cancer Immunology Research since 2004. In addition, he has been Chair of the Department of Sarcoma Medical Oncology since June 2012. Most recently, he accepted the appointment of Head of the Division of Cancer Medicine, March 4, 2015. In recognition of his outstanding contributions to cancer research, Dr. Hwu has held endowed positions since joining the institution. He currently holds the Sheikh Mohammed Bin Zayed Al Nahyan Distinguished University Chair at MD Anderson Cancer Center.
Biography

Ace Cancer Care Inc. (ACCI)

ACCI is a non-profit organization. Founded in 2000, the organization is based in Houston Texas, United States of America. It was formed as a consequence of dissatisfaction at the high prevalence of advanced cancers and high mortality and morbidity due to cancer especially in developing countries of Africa. The organization’s vision is to “Create a Cancer Free World” working through communities. The mission is, “Driving Cancer Awareness and Prevention through Education, Early Detection, & Capacity Building among Minority Groups in the United States of America & Developing Countries Leading to Improved Survival and Healthy Communities”.

The organization is made of people with varying medical and oncology background. It has a nine member Board of Director comprised of individuals who are versed in the running of both small and large cooperation’s and come to us with years of experience. ACCI also has a seven member Scientific Advisory Board (SAB), made up of individuals with expertise in various aspects of cancer management especially those that are of interest to our organization and are in-line with our mission. This board is responsible for the information disseminated by the organization to the public, transfer of technology, capacity building and the expertise that can be used in the establishment of cancer prevention and treatment centers. The SAB reviews and produces our education material and guides all our medical activities. ACCI also has an executive arm that over sees daily running of the organization guided by the boards. Furthermore, ACCI has regional or zonal Advisory council, prevention ambassadors and navigators all of whom operate at grass-root level to ensure proper dissemination of cancer information and promotion of participation in routine screening and early cancer detection.

Since its inception, the organization has worked to bring cancer awareness to various communities in Texas and various countries in Africa and the West Indies through cancer medical missions. Our strategy is to decrease late stage presentation, decrease cancer death, increase survivorship, and decrease the disparity in cancer health for people of developing countries. Public education is the primary means of promoting cancer awareness. ACCI uses culturally oriented personnel and appropriate language to reach the populace. Barriers to screening are broken. The organization assists with transfer of cancer technology, and provides capacity building on the various aspects of cancer education, screening, diagnosis, and treatment.
**Seminar Goal:**
There has been a paradigm shift in the management of patients with advanced cancer from “one size fits all” to providing personalized therapy tailored to the molecular landscape of the tumor. However, in recent years, breakthrough discoveries of immune checkpoints and durable responses observed with immunotherapeutic agents has been more transformative and has led to regulatory approval of the several checkpoint inhibitors for specific indications.

Prompted by the success of these checkpoint inhibitors, increasing number of immunotherapeutic agents are being investigated across the tumor board, which presents unique challenges to the treating physician. As immunotherapy works by unleashing the suppressed immune system to attack tumor cells rather than attacking the tumor cells directly, immunotherapeutic agents differ significantly from chemotherapeutic agents and consequently pose monitoring and managing toxicity challenges for medical teams, community oncologists, emergency room physicians, etc.

Furthermore, with success being made with these drugs, more and more cancer patients are demanding these drugs as first line therapies for the management of their cancers.

This seminar seeks to provide an avenue for bringing the academic researchers and community providers who are all interested in winning the fight against cancer together as first step in bridging the knowledge gap and to provide a means of disseminating research findings for practice application.

**Educational Objectives**
Participants will be able to:
- Demonstrate understanding of the pathophysiology of the drugs and their application
- Become competent in application of these drugs in cancer management including in combination with cytotoxic drugs
- Differentiate between true and pseudo-progression while on drugs
- Recognize and manage toxicities associated with the drugs early to avoid disastrous outcomes for patients
- Identify and avoid contraindications to these drugs.

**Target Audience**
- Physicians
- Fellows
- Physician Assistants
- Pharmacists
- Advanced Practice Registered Nurses
- Research Coordinators/Researchers
- Registered Nurses

**Educational Methods**
- Lectures • Case Presentation Including Interactive Audience Participation
- Question and Answer Sessions
**Evaluation**

A course evaluation form will provide participants with the opportunity to comment on the value of the program content to their practice decisions, performance improvement activities, or possible impact on patient health status. Participants will also have the opportunity to comment on any perceived commercial bias in the presentations as well as to identify future educational topics.

**Accreditation/Credit Designation**

The University of Texas MD Anderson Cancer Center is accredited by the ACCME to provide continuing medical education for physicians.

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The University of Texas MD Anderson Cancer Center and the Ace Cancer Care, Inc.

The University of Texas MD Anderson Cancer Center designates this live activity for a maximum of 14.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society.

Physician Assistants may receive a maximum of 14.75 hours of Category I AMA credit for completing this program.

Pharmacists in the State of Texas are able to claim AMA approved CME hours from organizations accredited by ACCME.

This continuing nursing education activity was approved by the Oncology Nursing Society, an accredited approver by the American Nurses Credentialing Center’s COA for 14.6 contact hours.
PLANNING COMMITTEE

Chairman:
Aung Naing, MD Associate Professor
Dept. of Investigational Cancer Therapeutics, University of Texas MD Anderson Cancer Center

Co-Chair
Lonzetta L. Newman, MD, FACP
Associate Professor, Clinical Cancer Prevention, The University of Texas MD Anderson Cancer Center

Co-Chair:
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Physician Assistant, Investigational Cancer Therapeutics, University of Texas MD Anderson Cancer Center

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The University of Texas MD Anderson Cancer Center

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Clinical Pharmacy Specialist
Pharmacy Clinical Programs
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Associate Director, CME/Conference Management, University of Texas MD Anderson Cancer Center
SPEAKERS

Lonzetta L. Newman, MD, FACP
Associate Professor, Clinical Cancer Prevention, University of Texas MD Anderson Cancer Center

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Dept. of Melanoma
The University of Texas MD Anderson Cancer Center

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Dept. of Investigational Cancer Therapeutics, University of Texas MD Anderson Cancer Center

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The University of Texas MD Anderson Cancer Center

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Dept. of Lymphoma
The University of Texas MD Anderson Cancer Center

Joud Hajjar MD
Assistant Professor of Medicine
Dept. of Immunology, Allergy & Rheumatology
Baylor College of Medicine and Texas Children's Hospital

Van K. Morris, MD, Assistant Professor
Dept. of GI Medical Oncology
The University of Texas MD Anderson Cancer Center
Agenda, Day 1 - April 7

7:30 - 8:15 a.m. Breakfast (will be provided)

8:15 - 8:30 a.m. Introduction of Program and First Speaker

8:30 - 9:00 a.m. Immunotherapy in Cancer Management
Hwu, Patrick, MD
Division Head, Cancer Medicine Administration
The University of Texas MD Anderson Cancer center

9:00 - 9:55 a.m. Immunotherapy and Targeted Therapy and Cancer Prevention
Lonzetta L. Newman, MD, FACP
Associate Professor, Clinical Cancer Prevention
The University of Texas MD Anderson Cancer center

9:55 - 10:40 a.m. Pathophysiology and Response of Immunotherapy
JoAnn T Lim, PharmD, BCOP, Clinical Pharmacy Specialist
The University of Texas MD Anderson Cancer Center

10:40 - 11:40 a.m. Melanoma and Immunotherapy: Better Outcome
Hussein Tawbi, MD, Professor
Dept. of Melanoma
The University of Texas MD Anderson Cancer Center

11:50 a.m. - 12:30 p.m. Lunch/Lecture (No CME) by Genentech
Molecular Biomarkers in Cancer

12:40 - 1:40 p.m. Changing Landscape of Clinical Trials
David Hong, MD, Associate Professor
Dept. of Investigational Cancer Therapeutics
The University of Texas MD Anderson Cancer Center

1:40 - 2:40 p.m. Immunotherapy for Lymphoma
Mistry, Haleigh, PA-C
Dept. of Lymphoma
The University of Texas MD Anderson Cancer Center

2:40 - 2:50 p.m. Break
2:50-3:35 p.m. Immune Based Therapies in AML and MDS
Naval Daver, MD Assistant Professor
Dept. of Leukemia
The University of Texas MD Anderson Cancer center

3:35-4:20 p.m. Targeted Therapy in Leukemia Management
Gautam Borthakur, MD
Dept. of Leukemia
The University of Texas MD Anderson Cancer center

4:20-5:00 p.m. Introduction to Car T cell Therapy With an Emphasis of Cytokine Release Syndrome and Neurotoxicity
Allyson Price, PA-C
Dept. of Leukemia
The University of Texas MD Anderson Cancer center
7:30-8:10 a.m. Breakfast (will be provided)

8:10-8:15 a.m. Introduction of Program and First Speaker

8:15-8:45 a.m. Cardiotoxicity of Immuno and Targeted Therapy
Myrisha Woods, PA-C
Dept. of Cardiology
The University of Texas MD Anderson Cancer Center

8:45-9:45 a.m. Immunotoxicities: What to Expect and how to Manage
Vivik Subbiah, MD, Associate Professor
Dept. of Investigational cancer Therapeutics
The University of Texas MD Anderson Cancer Center

9:45 -10:45 a.m. Immunotherapy and application in Breast Cancer Management
Windy Dean-Colomb, MD, PhD
Medical Director Oncology
Christus St. Patrick, Louisiana

10:45 -11:45 a.m. Genitourinary: Immune Checkpoint Therapy for GU Malignancies and Toxicity Management.
Gao, Jianjun, MD Associate Professor
Dept. of Urology
The University of Texas MD Anderson Cancer Center

11:45 -11:55 p.m. Break

12:00 -12:50 p.m. Lunch/Lecture-
Application of Immunotherapy in Gastrointestinal Cancers
Van Karlyle Morris, MD Assistant Professor
Dept. GI Medical Oncology
The University of Texas MD Anderson Cancer Center
1:00 – 2:00 p.m.  Updates in Lung Cancer
Liz Waxman, APRN
Dept. of Thoracic/Head and Neck Medical Oncology
The University of Texas MD Anderson Cancer Center

2:00 – 3:00 p.m.  Recent Advances in Immune and Targeted Therapies in Gynecological Oncology
Amir A. Jazieri, MD, Associate Professor
Dept. of Gynecological Oncology
The University of Texas MD Anderson Cancer Center

3:00-3:10 p.m.  Break

3:10-4:10 p.m.  Biomarkers and Correlates of Clinical Response in Cancer Immunotherapy
Joud Hajjar MD
Assistant Professor of Medicine
Dept. of Immunology, Allergy & Rheumatology
Baylor College of Medicine and Texas Children's Hospital

4:10-4:40 p.m.  Future Directions: Immunotherapy for the New Age
Aung Naing, MD, Professor
Dept. of Investigational Cancer Therapeutics
The University of Texas MD Anderson Cancer Center

SUPPORT ACKNOWLEDGEMENT
The conference organizing committee wishes to express appreciation to the following companies for their commitment to continuing medical education by providing an EDUCATIONAL GRANT in support of this conference:

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