

Memorial Sloan Kettering Cancer Center in collaboration with  
the University of Hawaii Cancer Center present  
APPLE's Single Topic Conference:

# Hepatocellular Carcinoma Tumor Immune Microenvironment



The Asia-Pacific Primary  
Liver Cancer Expert Association

**APPLE**

**STC  
2020**



VIRTUAL



Memorial Sloan Kettering  
Cancer Center



UNIVERSITY OF HAWAII  
CANCER CENTER

## OVERVIEW

**Memorial Sloan Kettering Cancer Center (MSK)** is pleased to offer an on demand version of the virtual conference which was hosted in collaboration with the **University of Hawaii Cancer Center (UHCC)** and endorsed by the **Asian Pacific Primary Liver Cancer Expert Association (APPLE)** on December 4-5, 2020.

This single topic conference focused on the Hepatocellular Carcinoma Tumor Immune Microenvironment and the use of checkpoint inhibitors in combination with other therapies including anti-angiogenics, tyrosine kinase inhibitors, other checkpoint inhibitors, plus other local therapies.

This on demand program is intended for medical oncologists, hepatologists, gastroenterologists, interventional radiologists, surgeons, radiation oncologists, immunologists, basic science experts, plus all colleagues with an interest in Hepatocellular Carcinoma and Immunotherapy.

### Learning Objectives

- Identify the elements of the tumor immune microenvironment
- Learn the outcome data of the different checkpoint inhibitors combination therapies for hepatocellular carcinoma
- Assess potential role of tumor immune microenvironment in response to therapy

By registering for this on demand program, you will receive access to videos from the two day course, which was originally recorded on December 4-5, 2020.

This on demand program will be available for purchase until **June 30, 2021**.  
Access to the videos and claiming credit will be available until **August 31, 2021**.

### CONFERENCE CHAIRS



**Ghassan K. Abou-Alfa, MD, MBA**  
Attending  
Gastrointestinal Oncology Service  
Department of Medicine  
Memorial Sloan Kettering Cancer Center



**Linda L. Wong, MD**  
Associate Member, Cancer Biology  
University of Hawaii Cancer Center  
Director, Liver Transplant Program  
The Queen's Medical Center

# FACULTY

**Ghassan Abou-Alfa, MD, MBA**

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**Stephen Chan, MD**

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**Anthony El-Khoueiry, MD**

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Seoul, South Korea

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Yangon, Myanmar

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Hong Kong, China

**Sheng-Long Ye, MD, PhD**

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Zhong Shan Hospital, Fudan University  
Shanghai, China

**Andrew Zhu, MD, PhD**

Professor  
Massachusetts General Hospital  
Boston, MA, USA



# SESSIONS

## Liver Immunology

CHAIRS: Kwang-Hyub Han, MD, PhD and Sheng-Long Ye, MD, PhD

Liver Basic Immunology	Augusto Villanueva, MD, PhD	15 MIN.
HCC Genomics	Irene Ng, MD	15 MIN.
Surgical Impact	Norihiro Kokudo, MD, PhD	15 MIN.
Panel Discussion with Session Faculty		6:55 PM

## Use of Checkpoint Inhibitors in Combination with Anti-VEGF and TKI

CHAIRS: Masatoshi Kudo, MD, PhD and Richard Finn, MD

Combination of Checkpoint Inhibitors and Anti-VEGF	Anthony El-Khoueiry, MD	7:15 PM
Combination of Checkpoint Inhibitors and TKIs	Andrew Zhu, MD, PhD	7:35 PM
Panel Discussion with Session Faculty		7:55 PM

## Assessing Responders from Non-responders from Tumor Immune Microenvironment (TIME) Perspective

CHAIRS: Linda L. Wong, MD and Joong-Won Park, MD, PhD

Tumor Markers Role	Stephen Chan, MD	8:15 PM
Extracellular Vesicles and Particle Biomarkers	William Jarnagin, MD	8:35 PM
Panel Discussion with Session Faculty		8:55 PM
Summary of Session I, II, III	Chih-Hung Hsu, MD, PhD	6:00 PM

## KEYNOTE

### Tumor Immune Microenvironment (TIME)

CHAIRS: Ann-Lii Cheng, MD, PhD and Peter Galle, MD, PhD

Tumor Immune Microenvironment (TIME)	Jedd D. Wolchok, MD, PhD	6:10 PM
Novel HCC Classification	Ghassan K. Abou-Alfa, MD, MBA	6:30 PM
Panel Discussion with Session Faculty		6:50 PM

## Role of Local Therapy in Tumor Immune Microenvironment (TIME), and Effect of Combination with Checkpoint Inhibitors

CHAIRS: Pierce Chow, MD, PhD and Laura Dawson, MD

Role of Chemo and Bland Embolization	Joseph Erinjeri, MD	7:15 PM
Role of Radio Embolization	Riad Salem, MD, MBA	7:30 PM
Role of Radiation Therapy	Jinsil Seong, MD, PhD	7:45 PM
Panel Discussion with Session Faculty		8:00 PM

## Too Much to Too Little Anti-CTLA4

CHAIRS: Chiun Hsu, MD, PhD and Ghassan K. Abou-Alfa, MD, MBA

Too Much Anti-CTLA4 is Needed	Thomas Yau, MD	8:20 PM
Too Little Anti-CTLA4 is Enough	Bruno Sangro, MD, PhD	8:35 PM
Panel Discussion with Session Faculty		8:50 PM
Summary of Session IV, V, VI	Chih-Hung Hsu, MD, PhD	9:05 PM

REGISTER ONLINE:  
[mskcc.org/APPLESTCONLINE](https://mskcc.org/APPLESTCONLINE)

**On Demand Registration Fees**

Physicians (MDs, PhDs and DOs)	\$50
Advanced Practice Providers	\$25
Residents, Fellows, Nurses and Other Healthcare Providers	\$25
Industry Professionals*	\$85

\*Industry professionals may attend MSK CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

**Registration Discounts/Promotions**

- A registration discount is available for MSK Alumni, MSK Cancer Alliance, and Cancer Care Partners to attend a MSK CME course.
- Registration is complimentary for all MSK employees.

After your payment has been processed, no further promotional discounts or adjustments will be made to your registration. Registration for this MSK CME on demand course is non-refundable.

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**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 Memorial Sloan Kettering Cancer Center and the Asia-Pacific Primary Liver Cancer Expert Association (APPLE). Memorial Sloan Kettering Cancer Center is accredited by the ACCME to provide continuing medical education for physicians.

**AMA Credit Designation Statement**

Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of 5.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Recorded/Review Date: December 4-5, 2020

Original Release Date: February 1, 2021

Termination Date: August 31, 2021

