

# Interventional Pulmonology in Cancer Patients

An  
Intensive  
Hands-on  
Course

February 20-21, 2020

MD Anderson  
Onstead Auditorium  
Mitchell Building (BSRB), Floor 3  
6767 Bertner Avenue  
Houston, Texas 77030

**Chair - Roberto Casal, MD**  
*Interventional Pulmonology*

**Co-Chair - George Eapen, MD**  
*Interventional Pulmonology*

**Co-Chair - David Rice, MD**  
*Thoracic Surgery*

THE UNIVERSITY OF TEXAS

**MD Anderson  
Cancer Center**

Making Cancer History®

## COURSE DESCRIPTION

The University of Texas MD Anderson Cancer Center is pleased to provide an intensive hands-on, two-day course designed to review the current concepts and recent advances in interventional pulmonology as it pertains to the cancer patient, and to introduce new technologic advances that have revolutionized the diagnosis, staging, and management of lung cancer.

Malignancies involving the lungs continue to provide a significant challenge to chest physicians. With the exponential increase in technology, several minimally-invasive diagnostic and therapeutic strategies are becoming feasible. As the largest cancer center in the world, MD Anderson is able to offer a depth and breadth of clinical experience and training that few can match. With a distinguished faculty made up of the world's top experts, this course is designed to provide the participant with a state-of-the-art review of the principles and practices of interventional pulmonology in patients with thoracic malignancies.

In addition to attending interactive didactic sessions, participants will also receive extensive practical instruction in selected techniques utilizing *in vivo* animal models. Instructional group size is limited in order to maximize interaction and individual "hot zone" time. Additional instruction can be individualized for those wishing to emphasize particular techniques. Endobronchial Ultrasound techniques will be particularly stressed and participants should be able to acquire the cognitive and technical skills to safely perform Endobronchial Ultrasound Guided Transbronchial Needle Biopsies upon course completion.

## TARGET AUDIENCE

This conference should be of interest to board-eligible/certified pulmonologists, thoracic surgeons, and trainees in pulmonary, critical care medicine, and thoracic surgery who have an interest in interventional pulmonology.

## EDUCATIONAL OBJECTIVES

At the conclusion of this educational activity, participants should be able to

- Utilize appropriate lung cancer screening techniques according to national guidelines and standards (*knowledge, competence*);
- Assimilate the therapeutic options for management of airway tumors (*knowledge, competence*);
- Interpret the available evidence for adjunctive therapies in the palliative and curative management of lung cancer (*knowledge, competence*);
- Utilize the principles of evidence based medicine in evaluating new technologies (*knowledge, competence*);
- Demonstrate the ability to perform Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration on a porcine model and to perform other aspects of cytological diagnosis (*knowledge, competence, performance, patient outcomes*);
- Perform endobronchial stenting on a porcine model (*knowledge, competence, performance, patient outcomes*);
- Incorporate evidence based best practices for the management of recurrent malignant pleural effusions (*knowledge, competence, performance*).

## EDUCATIONAL METHODS

- Lecture/Didactic
- Interactive Case Discussions
- Skills-Based Demonstration
- *In Vivo* Wet Lab Stations
- Question-and-Answer Sessions (Audience Response System)

## EVALUATION

An online course evaluation tool survey 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 (DIDACTIC SESSION AND HANDS-ON SESSIONS)

The University of Texas MD Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Texas MD Anderson Cancer Center designates this live activity for a maximum of 13.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## CME CERTIFICATES AND ATTENDANCE VERIFICATION CERTIFICATES

Certificates awarding *AMA PRA Category 1 Credit™* or certificates documenting attendance will be emailed when an individual completes the online CME Verification process after the conference. To obtain a CME certificate, physicians must complete the online evaluation questionnaire and CME Verification for each session.

A record of attendance (certificate) will be provided online to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.





# Program Agenda

Thursday, February 20, 2020

**MORNING SESSION** - Moderator: Roberto F. Casal, MD

- 7:00 am Breakfast and Registration
- 7:20 **Conference Welcome**  
*Rodolfo Morice, MD*
- 7:30 **Interactive Case Based – Discussions**  
**Case 1** (7:30a-8:15a)  
**Case 2** (8:15a-9:00a)
- 9:00 **Tracheo-Bronchial Resection**  
*Garrett Walsh, MD*
- 9:30 Break
- 9:55 **Transition to Lab Stations**
- 10:15 **In Vivo Wet Lab Stations – Session**
  - **Session 1** (10:20a-11:05a)
  - **Session 2** (11:15a-12:00p)
- 12:00 pm Lunch (Provided)

**AFTERNOON SESSION**

- 1:00 **In Vivo Wet Lab Stations – Session**
  - **Session 3** (1:00p-1:50p)
  - **Session 4** (1:55p-2:45p)  
(Break)
  - **Session 5** (3:00p-3:50p)
  - **Session 6** (3:55p-4:45p)
- 4:45 pm Adjourn  
*Welcome Reception - Third Coast Restaurant*



## Friday, February 21, 2020

### MORNING SESSION - Moderator: George A. Eapen, MD

- 7:00 am Breakfast and Registration
- 7:10 **Interactive Case Based - Discussions**  
**Case 3** (7:10a-7:55a)  
**Case 4** (7:55a-8:40a)
- 8:40 **Personalized Therapy for Lung Cancer**  
*Frank Mott, MD*
- 9:10 **Stereotactic Ablative Radiotherapy in Lung Cancer**  
*Joe Chang, MD*
- 9:40 Break
- 10:05 **Transition to Lab Stations**
- 10:20 ***In Vivo* Wet Lab Stations – Session**
  - **Session 1** (10:20a-11:05a)
  - **Session 2** (11:15a-12:00p)
- 12:00 pm Lunch (Provided)

### AFTERNOON SESSION

- 1:00 ***In Vivo* Wet Lab Stations – Session**
  - **Session 3** (1:00p-1:50p)
  - **Session 4** (1:55p-2:45p)  
(Break)
  - **Session 5** (3:00p-3:50p)
  - **Session 6** (3:55p-4:45p)
- 4:45 pm Course Adjourned



## ***IN VIVO* WET LAB STATIONS**

**\*NEW THIS YEAR** Robotic Bronchoscopy

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**Rigid Bronchoscopy Skills**

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**Endobronchial Valves**

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**SEMS w/Fluoro**

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**Rigid Bronchoscopy & Silicone Stents**

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**Percutaneous Tracheostomy**

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**Peripheral/Central Bleeding**

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**Cryobiopsy**

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**EBUS Simulator**

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**Pleuroscopy and Tunneled Indwelling Pleural Catheters**

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**Electromagnetic Navigation Bronchoscopy**

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**Radial Probe EBUS**

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**Difficult Airway Management**

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## MD ANDERSON FACULTY

**Lara Bashoura, MD**

*Professor*

*Department of Pulmonary Medicine*

**Roberto Casal, MD, Course Director**

*Associate Professor*

*Department of Pulmonary Medicine*

**George Eapen, MD, Course Co-Director**

*Professor*

*Department of Pulmonary Medicine*

**Joe Chang, MD**

*Professor*

*Department of Radiation Oncology*

**Saadia Faiz, MD**

*Professor*

*Department of Pulmonary Medicine*

**Horiana Grosu, MD**

*Associate Professor*

*Department of Pulmonary Medicine*

**Carlos Jimenez, MD**

*Professor*

*Department of Pulmonary Medicine*

**Pablo Diaz-Jimenez, MD**

*Adjunct Faculty*

*Department of Pulmonary Medicine*

**Teresa Moon, MD**

*Associate Professor*

*Department of Anesthesiology and  
Perioperative Medicine*

**Frank Mott, MD**

*Associate Professor*

*Department of Head & Neck  
Medical Oncology*

**David Ost, MD**

*Professor*

*Department of Pulmonary Medicine*

**David Rice, MD, Course Co-Director**

*Professor*

*Department of Thoracic & Cardiovascular  
Surgery*

**Bruce Sabath, MD**

*Assistant Professor*

*Department of Pulmonary Medicine*

**Mona Sarkiss, MD, PhD**

*Professor*

*Department of Anesthesiology and  
Perioperative Medicine*

**John Stewart, MD, PhD**

*Professor*

*Department of Pathology*

**Alda Lui Tam, MD**

*Associate Professor*

*Department of Interventional Radiology*

**January Tsai, MD**

*Associate Professor*

*Department of Anesthesiology and  
Perioperative Medicine*

**Shital Vachhani, MD**

*Associate Professor*

*Department of Anesthesiology and  
Perioperative Medicine*

**Garrett Walsh, MD**

*Professor*

*Department of Thoracic & Cardiovascular  
Surgery*



## GUEST FACULTY

**Francisco Almeida, MD**

Assistant Professor of  
Medicine  
Interventional Pulmonology  
Cleveland Clinic  
Cleveland, Ohio

**Heinrich Becker, MD**

Professor and Director  
Department of  
Interdisciplinary Endoscopy  
Thoracic Clinic  
University of Heidelberg  
Heidelberg, Germany

**Labib Debiane, MD**

Senior Staff Physician  
Henry Ford Hospital  
Detroit, Michigan

**Pushan Jani, MD**

Assistant Professor  
Interventional Pulmonology  
McGovern Medical School at  
UTHealth  
Houston, Texas

**Donald Lazarus, MD**

Assistant Professor of  
Medicine  
Interventional Pulmonology  
Baylor College of Medicine  
Houston, Texas

**Mike Machuzak, MD**

Associate Staff Member  
Cleveland Clinic  
Cleveland, Ohio

**Fabien Maldonado, MD**

Associate Professor of  
Medicine and Thoracic  
Surgery  
Program Director  
Interventional Pulmonology  
Fellowship  
Vanderbilt University  
Nashville, Tennessee

**Russell Miller, MD**

Medical Staff  
Interventional Pulmonology  
Scripps Green Hospital  
La Jolla, California

**Rodolfo Morice, MD**

Professor and Respiratory  
Consultant  
Wellington Hospital,  
CCDHB  
Adjunct Professor of  
Medicine  
The University of Texas MD  
Anderson Cancer Center  
Wellington, New Zealand

**Lakshmi Mudambi, MD**

Interventional Pulmonologist  
VA Portland Health Care  
System  
Portland, Oregon

**Neil Ninan, MD**

Interventional Pulmonology  
Crescent City Physicians  
New Orleans, Louisiana

**Philip Ong, MD**

Assistant Professor  
University of Texas Health  
Science Center – San Antonio  
San Antonio, Texas

**Otis Rickman, MD**

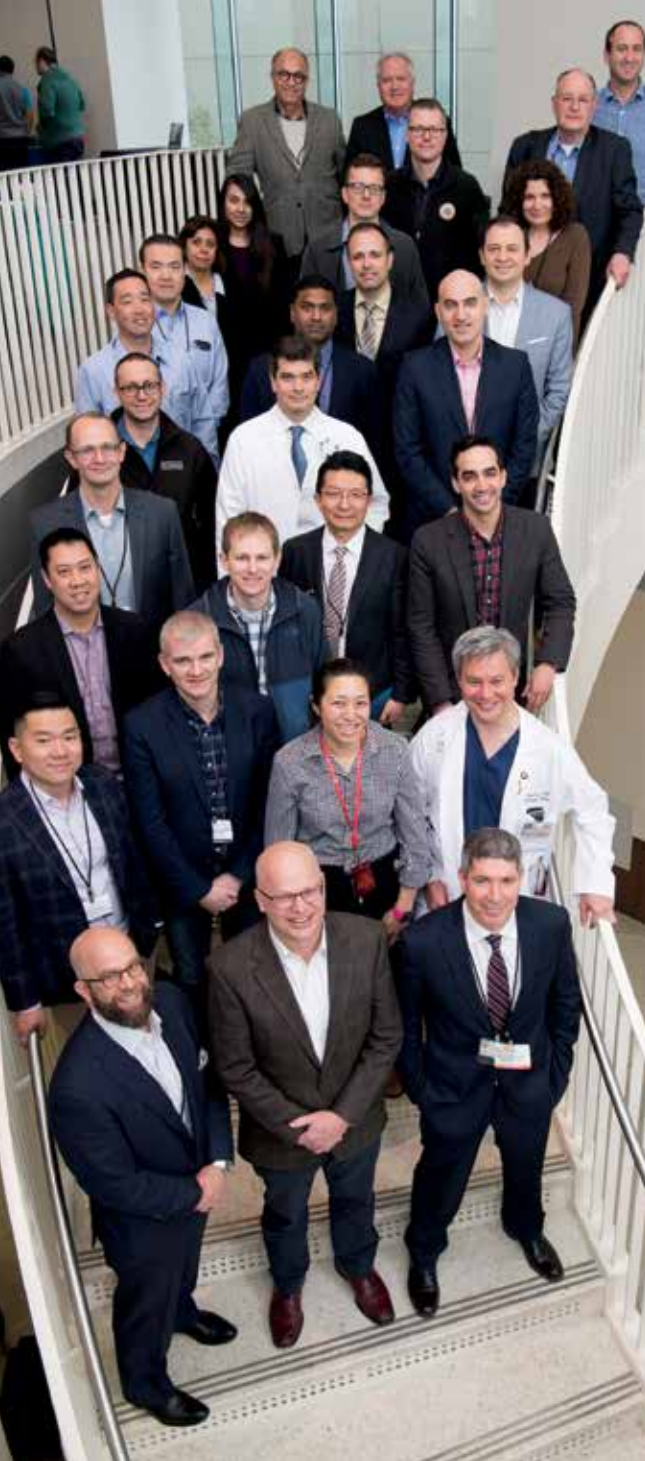
Associate Professor  
of Medicine & Thoracic  
Surgery  
Vanderbilt University  
Nashville, Tennessee

**Erik Vakil, MD**

Clinical Assistant Professor  
Interventional Pulmonology  
Medicine  
University of Calgary  
Calgary, Alberta, Canada

**Kazuhiro Yasufuku, MD**

Associate Professor of  
Surgery  
Division of Thoracic Surgery  
University of Toronto,  
Toronto General Hospital  
University Health Network  
Toronto, Canada



## ABIM MAINTENANCE OF CERTIFICATION



### **MOC Points (American Board of Internal Medicine)**

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 13.50 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Participant completion data will be shared with and transmitted to the ACCME on the participant's behalf.

In order to claim MOC points, you will need to pass the post-test with a score of 70% or higher. You will be able to take the test as many times as you need in order to pass. The number of MOC points you earn will be equal to the number of CME credits you claim.

# The deadline for advanced registration is January 30, 2019

## REGISTRATION INFORMATION

On-site registration opens at 7:00 am on Thursday, February 20, 2020 in the foyer outside Onstead Auditorium on Floor 3 of the Mitchell Building (BSRB). The opening session of the conference will begin at 7:20 am on Thursday, and the conference will adjourn at 4:45pm on Friday, February 21, 2020. Advanced registration is encouraged as space and materials are limited. Please see the registration form for applicable fees.

The conference registration fee includes tuition, breakfasts, breaks, lunches, and the welcome reception.

## THERE ARE THREE WAYS TO REGISTER:

- On-line at [www.mdanderson.org/conferences](http://www.mdanderson.org/conferences)
- Fax to 713-794-1724
- Mail to CME/Conference Management - Unit 1781  
The University of Texas MD Anderson Cancer Center  
P.O. Box 301407  
Houston, TX 77230-1407

## WE ACCEPT THE FOLLOWING FORMS OF PAYMENT:

- Check (payable through U.S. banks only)
- Money Order
- Credit Cards (MasterCard, VISA, and American Express)
- Cash (accepted at on-site registration only)

If you register online, a receipt/confirmation letter will be automatically e-mailed to the e-mail address you provide on the registration form. If you register by fax or mail, a receipt/confirmation letter will be sent to you within ten working days of receipt of your fee.

## REFUND/CANCELLATION POLICY

The registration fee, minus a \$50 administrative handling fee, is refundable if a written request is received on or before **January 30, 2020**. No refunds will be granted after that date. The request for a registration refund must include the tax identification number of the company or institution if registration was paid by a company or institution check. For additional information, contact CME/Conference Management at 713-792-2223 or toll free at 866-849-5866.

CME/Conference Management reserves the right to cancel activities prior to the scheduled date if low enrollment or other circumstances make it necessary. Each registrant will be notified by mail, e-mail, or at the phone or fax numbers given on the registration form.

In case of activity cancellation, the liability of CME/Conference Management is limited to the registration fee. CME/Conference Management will refund the full registration fee. The CME/Conference Management reserves the right to limit the number of participants in a program and is not responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

## SPECIAL ASSISTANCE

Contact the CME/Conference Management at 713-792-2223 or toll free at 866-849-5866 if you have any special dietary or ADA accommodation needs.

## ACCOMMODATIONS

- A block of rooms has been reserved for course attendees at the **Houston Marriott Medical Center Hotel, 6580 Fannin Street, Houston, Texas 77030.**
- Early hotel reservation is suggested.
- When you make reservations, be sure to mention the **MD Anderson IP Course 2020** to be assured of receiving the special conference rate of \$209.00. Please add 17% Texas State and local taxes.
- The Marriott reservations phone number is 713-796-0080 or 1-800-228-9290. On-line reservation code **IPAIPAC** to be assured of receiving the special meeting rate of \$209.00 single or double occupancy. Please add 17% Texas State and local taxes.
- Reservations and deposits received after **January 29, 2020** will be confirmed if space is available and at currently published hotel guest room rates.

## GROUND TRANSPORTATION

*(Prices are subject to change and vary depending upon the location of the conference.)*

- Houston is served by two airports, George Bush Intercontinental (IAH) and William P. Hobby (HOU).
- Taxicabs are available at an estimated cost of \$40-60 to or from William P. Hobby Airport or George Bush Intercontinental Airport.
- Super Shuttle operates a shuttle bus between George Bush Intercontinental Airport and the Houston Marriott Medical Center Hotel for \$23 one-way, \$42 round-trip. For more information, call 713-523-8888 or toll free at 800-258-3826 or on-line at [www.supershuttle.com](http://www.supershuttle.com).
- Super Shuttle operates a shuttle bus between William P. Hobby Airport and the Houston Marriott Medical Center Hotel for \$18 one-way and \$32 round-trip. For more information, call 713-523-8888 or toll free at 800-258-3826 or on-line at [www.supershuttle.com](http://www.supershuttle.com).

# PHYSICIANS

**Full Course Registration:** Includes Live Didactic and *InVivo* Lab Sessions

Received prior to 1/30/20 .....	\$1,950.00
Received on or after 1/30/20.....	\$2,350.00

**Live Didactic:** Includes Online Educational Materials and the Didactic Sessions

Received prior to 1/30/20 .....	\$1,000.00
Received on or after 1/30/20.....	\$1,200.00

# PHYSICIANS-IN-TRAINING\*

**Full Course Registration:** Includes Live Didactic and *InVivo* Lab Sessions

Received prior to 1/30/20 .....	\$1,000.00
Received on or after 1/30/20.....	\$1,200.00

**Live Didactic:** Includes the Didactic Sessions

Received prior to 1/30/20 .....	\$900.00
Received on or after 1/30/20.....	\$1,100.00

*\*Requires a Letter of Verification from Department Chairman.*





The University of Texas MD Anderson Cancer Center has implemented a process whereby everyone who is in a position to control the content of an educational activity must disclose all relevant financial relationships with any commercial interest that could potentially affect the information presented.

MD Anderson also requires that all faculty disclose any unlabeled use or investigational use (not yet approved for any purpose) of pharmaceutical and medical device products. Specific disclosure will be made to participants prior to the educational activity.

Agendas are subject to change because we are always striving to improve the quality of your educational experience. MD Anderson may substitute faculty with comparable expertise on rare occasions necessitated by illness, scheduling conflicts, and so forth.

**Photographing, audio taping and videotaping are prohibited.**

Please let us know what specific topics, issues or questions you wish to see addressed or emphasized in this activity. Fax or e-mail CME/Conference Management. All responses will be forwarded to the Course Directors for consideration.



# CONFERENCE REGISTRATION

## INTERVENTIONAL PULMONOLOGY IN CANCER PATIENTS: AN INTENSIVE HANDS-ON COURSE

(D121769) **February 20-21, 2020**

The University of Texas MD Anderson Cancer Center  
Onstead Auditorium, Mitchell Building – Floor 3  
6767 Bertner Avenue, Houston, Texas 77030

Last Name		First	MI	Highest Degree
Department (include box no.)			Specialty	
Institution:	MD Anderson Employee ID No. (required for all MDACC employees)		Physician <input type="checkbox"/> Yes <input type="checkbox"/> No	
Street	City		State/Foreign Country/Zip or Mail Code	
E-mail Address				
Daytime Phone (with area code)		Phone (with area code)		Fax (with area code)
Emergency Contact			Phone (with area code)	

### PAYMENT OPTIONS:

Mail check or money order (payable through U.S. banks only) made payable to: UT MD Anderson Cancer Center  
Mail: UT MD Anderson Cancer Center, CME/Conference Management-Unit 1781, PO BOX 301407, Houston, Texas 77230-1407  
E-mail: egagneau@mdanderson.org or FAX: 713-745-3234

Credit Card #	Security Code/CVV/CSV	Authorized Signature REQUIRED for credit card
<input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express		
Credit Card Holder Name (First/Last)	Expiration Date	Credit Card Holder Billing Address & Zip code

MD Anderson Interdepartmental Transfer (IDT) No. **\*Fund Group 90 will not be accepted**

Business Unit	Department	Fund Group*	Fund	Fund Type
Authorized Signature REQUIRED for Credit Card or IDT			MD Anderson Employee ID No. (REQUIRED)	
IDT Approver Name (First/Last) please print			IDT Approver E-mail	

### REGISTRATON FEES

Received by January 30, 2020	Received on or after January 30, 2020
<input type="checkbox"/> Physician: \$1,950 (Full Course)	<input type="checkbox"/> Physician: \$2,350 (Full Course)
<input type="checkbox"/> Physician: \$1,000 (Live Didactic)	<input type="checkbox"/> Physician: \$1,200 (Live Didactic)
<input type="checkbox"/> Physician: \$700 (STUDY - Online Access)	<input type="checkbox"/> Physician: \$700 (STUDY - Online Access)
<input type="checkbox"/> Physician-in-Training: \$1,000 (Full Course)	<input type="checkbox"/> Physician-in-Training: \$1,200 (Full Course)
<input type="checkbox"/> Physician-in-Training: \$900 (Live Didactic)	<input type="checkbox"/> Physician-in-Training: \$1,100 (Live Didactic)
<input type="checkbox"/> Physician-in-Training: \$500 (Online Access)	<input type="checkbox"/> Physician-in-Training: \$500 (Online Access)

**Full Course:** Includes Live Didactic and *In Vivo* Wet Lab Sessions

**Live Didactic:** Includes the Live Didactic Sessions

CME/Conference Management - Unit 1781  
The University of Texas MD Anderson Cancer Center  
#176700/30/121769/41  
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Houston, TX 77230-1407

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