

# Symposia on Cancer Research 2018

## The Leading Edge of Cancer Research October 4-5, 2018

### Symposia Co-Chairs:

Michelle C. Barton, PhD

Andrew Futreal, PhD

Guillermina Lozano, PhD

The University of Texas  
MD Anderson Cancer Center  
R. Lee Clark Clinic  
Hickey Auditorium – Floor 11  
1515 Holcombe Boulevard  
Houston, Texas

For more information,  
please call the Department of CME/Conference Management  
at 713-792-2223  
or visit our website at [www.mdanderson.org/conferences](http://www.mdanderson.org/conferences)

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## Goal

Over the past decade, cancer research has yielded a wealth of therapeutic options for patients for many different subtypes of cancer, as well as greater knowledge of this disease. In particular, agents targeting oncogenic drivers and immunotherapeutic approaches have transformed the management of cancer patients in recent years. This symposium will discuss emerging concepts across the breadth of cancer research – from tumor heterogeneity to cancer metabolism, drug resistance, cell signaling, clonal evolution, and metastasis, immunology, translational, and clinical studies.

Among our outstanding speakers at the Symposium are Keynote speaker Joan S. Brugge, PhD (Harvard Medical School), our 2018 Ernst W. Bertner Memorial Awardee, C. David Allis, PhD (The Rockefeller University) and our 2018 Health Memorial Awardee, Joan Massague, PhD (Memorial Sloan Kettering Cancer Center). The Symposium begins Thursday morning and will end Friday afternoon.

## Cover Image

The cover image depicts single cells (circles) that are encapsulated within a ductal structure in the breast from a woman with early-stage breast cancer. Within the ducts, there are four major tumor clones with different genotypes indicated by colors. Image credit: Aislyn Schalck, Anna Casasent, and Nicholas Navin, the MD Anderson UT Health Graduate School for Biomedical Science and The University of Texas MD Anderson Cancer Center.



## Target Audience

The program will be of broad interest to scientists, scientists-in-training, physicians, physicians-in-training, students, nurses, and fellows interested in hearing significant advances in cancer research and clinical developments, and how data emerging from this research are impacting personalized medicine.

## Educational Objectives

After attending the Symposia, participants should be able to:

- Evaluate current issues and trends in cancer care;
- Describe evidence-based standards of care including innovations in diagnosis and treatment and to integrate these evolving approaches from diagnostic, prognostic and therapeutic perspectives;
- Describe the clinical and molecular facets of pathogenesis, diagnostic approaches and therapeutic modalities available for various types of cancer;
- Choose new therapeutic options for the treatment of a number of common malignancies; understanding appropriate indications and contraindications to these therapeutic approaches;
- Explain how to personalize treatment strategies for patients with advanced forms of cancer based on individual tumor characteristics.

## Educational Methods

Lectures • Question-and-Answer Sessions • Panel Discussions

# Young Investigator Travel Fellowship Awards

A limited number of travel fellowships will be available to graduate and medical students, postdoctoral fellows, and physicians-in-training. Anyone wishing to apply for a travel fellowship should check the appropriate box on the registration form and attach a letter of recommendation. This letter should be on official letterhead, be signed by the dean or department head, and contain the following information about the applicant (due by August 3, 2018):

1. academic status
2. research activities in the subject area of the meeting
3. citations of recent articles in this subject area published in peer-reviewed journals

# PROGRAM

Registration will open at 8:00 a.m. on Thursday, October 4, 2018.

## Thursday, October 4, 2018

9:00 a.m.

### **Symposia Opening and Welcome**

Giulio F. Draetta, MD, PhD

9:15

### **Keynote Lecture**

Introduction:

Giulio F. Draetta, MD, PhD

### **Oxidative Stress Defenses in Cancer**

Joan S. Brugge, PhD

Ludwig Cancer Center at Harvard  
Boston, Massachusetts

## SESSION I:

10:15

### **Introduction**

Swathi Arur, PhD

10:20

### **Studying Resistance in Cancer**

Gad A. Getz, PhD

Broad Institute  
Cambridge, Massachusetts

10:50

Break

11:20

### **Epigenetic Abnormalities: Essential for the Initiation and Progression of Human Cancer?**

Stephen B. Baylin, MD

The Johns Hopkins University, School of Medicine  
Baltimore, Maryland

11:50

### **Drivers, Resistors and Targets of Anti-tumor Immunity**

Nir Hacohen, PhD

Broad Institute and Massachusetts General Hospital  
Cambridge, Massachusetts

12:20 p.m.

Trainee Luncheon

# PROGRAM

**Thursday, October 4, 2018** (continued)

## **SESSION II:**

Session Chair: Francesca Cole, PhD

1:50

### **Introduction**

Francesca Cole, PhD

1:55

### **Hypoxia, Metabolism, and Tumor Progression**

M. Celeste Simon, PhD

Abrahamson Family Center Research Institute

The University of Pennsylvania

Philadelphia, Pennsylvania

2:25

### **Path to New Pediatric Oncology Therapies**

Kimberly Stegmaier, MD

Dana-Farber Cancer Institute

Boston, Massachusetts

2:55

### **Lineage Specific Dependencies as Optimal Therapeutic Targets in Childhood Cancers**

John M. Maris, MD

Children's Hospital of Philadelphia

Philadelphia, Pennsylvania

3:25

Break

3:55

### **Ernst W. Bertner Award Lecture and Presentation**

Introduction: Jian Hu, PhD

### **When Genetics and Epigenetics Collide: Insights Gained Into Human Cancer**

C. David Allis, PhD

The Rockefeller University

New York, New York

5:00

Adjourn

# PROGRAM

**Friday, October 5, 2018**

## **SESSION III:**

Session Chair: Andrea Viale, MD

9:00 a.m.

### **Introduction**

Andrea Viale, MD

9:05

### **The End of Undruggable**

Jay Bradner, MD

Novartis Institutes for BioMedical Research  
Cambridge, Massachusetts

9:35

### **Role of Host Autophagy in Tumor Metabolism**

Eileen P. White, PhD

Rutgers Cancer Institute of New Jersey  
New Brunswick, New Jersey

10:05

### **Cancer Chromosomal Evolution in Metastasis, Immune Evasion, and Clinical Outcomes: Insights From TRACERx**

Charles Swanton, MD, PhD

UCL Hospitals and Francis Crick Institute  
London, United Kingdom

10:35

Break

10:50

### **Wilson Stone Award Presentation and Lecture**

Introduction: Chunru Lin, PhD

11:30

### **Heath Award Lecture and Presentation**

Introduction: Katharina Schlacher, PhD

### **Origin, Latency and Outbreak of Metastatic Stem Cells**

Joan Massague, PhD

Memorial Sloan Kettering Cancer Center  
New York, New York

12:45 p.m.

Adjourn

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, audiotaping and videotaping are prohibited.



# Registration Information

On-site registration opens at 7:00 a.m., Thursday, October 4, 2018. The opening session will begin at 9:00 a.m. on October 4, and the symposium will adjourn at 12:45 p.m. on Friday, October 5, 2018. Advance registration is encouraged as space and materials are limited. Please see registration form for applicable fees. The deadline for advance registration is September 21, 2018.

## There are three ways to register:

1. On-line at [www.mdanderson.org/conferences](http://www.mdanderson.org/conferences)
2. Fax to 713-794-1724
3. Mail to:

Department of CME/Conference Management – Unit 1781, The University of Texas MD Anderson Cancer Center, P. O. Box 301407, Houston, Texas 77230-1407.

## We accept the following forms of payment:

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

When registering on-line a receipt/confirmation letter will be automatically e-mailed to the e-mail address you listed 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.

The full Symposium registration fee includes the tuition, breaks, lunches, and reception. The student registration fee includes all of the above.

**Students:** A reduced registration fee has been established for full-time students and physicians-in-training (interns, residents, and fellows). All students claiming this reduced fee are required to submit a letter of introduction from the chairperson of their department with their registration form.

**MD Anderson Alumni:** Alumni are defined as any faculty member (research or clinical) who has worked at MD Anderson and has retired or resigned, or any educational trainee who has trained at MD Anderson.

**Refund /Cancellation Policy:** The registration fee, minus a \$50 administrative handling fee, is refundable if a written request is received on or before September 21, 2018. 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.



The Department of 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 the contact numbers as given on the registration form. In case of activity cancellation, liability of the Department of CME/Conference Management is limited to the registration fee. CME/Conference Management will refund the full registration fee.

The Department of CME/Conference Management 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.

For additional information, contact the Office of CME/Conference Management at 713-792-2223 or 866-849-5866.

## Special Assistance

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

## Accommodations

- A block of rooms has been reserved for symposium attendees at the Hotel ZaZa, 5701 Main Street, Houston, Texas.
- Early hotel reservation is suggested.
- The hotel phone number is 713-526-1991.
- When you make reservations be sure to mention MD Anderson's Research Symposium to be assured of receiving the special meeting rate of \$195.00 single or double occupancy.
- Please add 17% Texas state and local taxes.
- Reservations and deposits received after September 3, 2018, will be confirmed if space is available and at current hotel published guest room rates.

## Ground Transportation

- 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 (HOU).
- Super Shuttle operates a shuttle bus between George Bush Intercontinental Airport and the Hotel ZaZa for \$23 one-way and \$42 round-trip. For more information, call 713-523-8888 or toll-free at 800-258-3825 Or on-line at [www.supershuttle.com](http://www.supershuttle.com).
- Super Shuttle operates a shuttle bus between William P. Hobby Airport and the Hotel ZaZa for \$18 one-way and \$32 round-trip. For more information, call 713-523-8888 or toll-free at 800-258-3825 Or on-line at [www.supershuttle.com](http://www.supershuttle.com).





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**Full Symposia Registration Fee**

- ☐ Before September 21, 2018.....\$300.00  
☐ After September 21, 2018.....\$375.00

**One Day Registration Fee ☐ Thur ☐ Fri**

- ☐ Before September 21, 2018.....\$105.00  
☐ After September 21, 2018.....\$135.00

**MD Anderson Alumni**

- ☐ Before September 21, 2018.....\$225.00  
☐ After September 21, 2018.....\$280.00

**Student Registration Fee**

- ☐ Before September 21, 2018.....\$100.00  
☐ After September 21, 2018.....\$125.00

**MD Anderson Faculty, Staff, Trainees (Exempt)**

- ☐ Faculty ☐ Student ☐ Trainee ☐ Fellow ☐ Other

☐ Travel Fellowship Applicant

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