Symposium Chairpersons:
Lynda Chin, MD, Chair
Andy Futreal, PhD, Co-Chair
Funda Meric-Bernstam, MD, Co-Chair

For more information, please call the Department of CME/Conference Management at 713-792-2223 or visit our website at www.mdanderson.org/scr

Call for Poster Abstract Deadline is August 1, 2013. Submit Poster Abstracts to: Research 2013@mdanderson.org

Symposia on Cancer Research 2013
October 4-5, 2013
The University of Texas MD Anderson Cancer Center
R. Lee Clark Clinic
Floor 11
1515 Holcombe Boulevard, Houston, Texas

Genomic Medicine
MD Anderson Organizing Committee

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Sr. Vice President
Academic Affairs

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Chair & Professor
Genomic Medicine

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Professor
Genomic Medicine

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Patrick Hwu, MD
Chair & Professor
Melanoma Medical Oncology

Raghu Kalluri, MD, PhD
Chair & Professor
Cancer Biology

Jeffrey Myers, MD, PhD
Professor
Head & Neck Surgery

Padmanee Sharma, MD, PhD
Associate Professor
Genitourinary Medical Oncology

Roeland Verhaak, PhD
Assistant Professor
Bioinformatics & Comp Biology

Constance C. Tierney, CMP
Manager
CME/Conference Management
Goal

The goal of the symposium is to bring together world-renowned scientists to present and discuss novel basic, translational and clinical research being conducted in the area of genomic medicine as it relates to cancer. Topics will include: broad based efforts to catalogue and understand genomic abnormalities in cancer and the role of comprehensive computational approaches in identifying the most meaningful of them; leveraging genomic science to go beyond into drug discovery and other omics; and the application of new found knowledge to the clinic to guide new clinical trials. Keynote speakers are Arul M. Chinnaiyan, MD, PhD (University of Michigan School of Medicine) and Gad Asher Getz, PhD (Broad Institute of MIT and Harvard). In addition, Mike Stratton, PhD (Wellcome Trust Sanger Institute) and Andrew Futreal, PhD (MD Anderson) will jointly receive the Ernst W. Bertner Memorial Award. Charles L. Sawyers, MD (Memorial Sloan-Kettering Cancer Center) will receive the Heath Memorial Award. There will also be a poster session for participants to represent their findings. The symposium begins Friday morning and will end Saturday afternoon.

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 the newest advances in the area of genomic medicine.

Educational Objectives

After attending the symposium, participants should be able to
• Describe and discuss the current best approaches to analyzing the cancer genome;
• Explain one or two paradigms of how a genetic mutation in a cancer led to a new clinical approach;
• Recognize how additional layers of biology beyond the genome, such as the metabolome or the proteome, are also venues for new drug discovery efforts;
• Identify the latest advances in applying genomics to cancer diagnosis and therapy, and discuss the challenges in creating effective clinical interventions based on this new area of scientific investigation.

Educational Methods

• Lectures
• Question-and-Answer Sessions
• Panel Discussions
• Posters

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.
Call for Posters

Abstracts may be submitted for the Poster Session but must be received no later than August 1, 2013. Please submit to Research2013@mdanderson.org.

Please indicate the category for your poster — Characterization of the Cancer Genome; Computational Analysis; Beyond Omics; Application of Cancer Genomics to the Clinic. The top abstract in each category will be chosen to give an 8 minute/2 minute Q & A oral presentation.

Should you have difficulty with the submission, call the Department of CME/Conference Management at 713-745-5000 for guidance. Participants will be notified of their posters’ acceptance by mail or e-mail by August 15, 2013. Please indicate the person to whom correspondence should be sent if other than the first author and include an address, telephone number, fax number, and e-mail address (if available) when submitting the abstract.

Registration for the symposium must be submitted at the same time as the abstract. Please register at www.mdanderson.org/conferences.

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. Only those applicants who submit abstracts will be considered for an award, which is intended to offset some of the expenses incurred by the recipient in connection with attending the symposium. 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 1, 2013):

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
Friday, October 4, 2013

7:00 a.m.  Registration/Coffee

7:50

Introduction
Funda Meric-Bernstam, MD

8:00

Keynote Lecture
Introduction: Funda Meric-Bernstam, MD

Identification and Characterization of Recurrent Gene Fusions in Cancer: Implications for Precision Medicine
Arul M. Chinnaiyan, MD, PhD
University of Michigan School of Medicine
Ann Arbor, Michigan

SESSION I: Characterization Of The Cancer Genome
Session Co-Chairs: Samir Hanash, MD, PhD; Jeffrey Myers, MD, PhD

9:00

Introduction
Jeffrey Myers, MD, PhD

9:05

Mining the Cancer Proteome for Diagnostics and Therapeutics
Samir Hanash, MD, PhD
Clinical Cancer Prevention
The University of Texas MD Anderson Cancer Center
Houston, Texas

9:35

The Cancer Genome and Epigenome Interface
Peter Laird, PhD
Clinical Cancer Prevention
University of Southern California Epigenome Center
Los Angeles, California

10:05  Break

10:20

Investigating Breast Cancer With Single Cell Genomics
Nicholas E. Navin, PhD
Genetics/Bioinformatics
The University of Texas MD Anderson Cancer Center
Houston, Texas

10:50

Frontiers of Clinical Sequencing
Richard A. Gibbs, PhD
Baylor College of Medicine
Houston, Texas
Friday, October 4, 2013 (continued)

SESSION II: Computational Analysis
Session Co-Chairs: Roeland Verhaak, PhD; Andrew Futreal, PhD

11:20 a.m.  Introduction
Andrew Futreal, PhD

11:25  Evolution of the Cancer Genome
Franziska Michor, PhD
Dana-Farber Cancer Institute
Boston, Massachusetts

11:55  Comprehensive Genomic Characterization of Glioblastoma
Roeland Verhaak, PhD
The University of Texas MD Anderson Cancer Center
Houston, Texas

12:25 p.m.  Lunch/Poster Session

SESSION III: Beyond Omics
Session Co-Chairs: Giulio Draetta, MD, PhD; Gordon Mills, MD, PhD

1:25  Introduction
Giulio Draetta, MD, PhD

1:30  Epigenetic Drug Discovery
Jannik Andersen, PhD
Institute of Applied Cancer Science
The University of Texas MD Anderson Cancer Center
Houston, Texas

2:00  Function-Based Screening for Somatic Driver Aberrations in Cancer
Kenneth L. Scott, PhD
Baylor College of Medicine
Houston, Texas

2:30  Targeting the Hippo Pathway in Cancer
Nabeel M. Bardeesy, PhD
Massachusetts General Hospital
Boston, Massachusetts

3:00  Functional Genomics, Experimental Models, and Cancer
William C. Hahn, MD, PhD
Dana-Farber Cancer Institute
Boston, Massachusetts

3:30  Break
Friday, October 4, 2013 (continued)

3:45
Ernst W. Bertner Memorial Award Lectures and Presentations

Introduction
Lynda Chin, MD

Signatures of Mutational Processes Operative in Human Cancer
Michael R. Stratton, PhD
Wellcome Trust Sanger Institute
Cambridgeshire, United Kingdom

The Genomic Architecture of Human Cancers
Andrew Futreal, PhD
The University of Texas MD Anderson Cancer Center
Houston, Texas

5:45-6:45
Poster Reception

Saturday, October 5, 2013

8:30 a.m.
KEYNOTE LECTURE

Introduction
Andrew Futreal, PhD

Translating Cancer Genome Analysis to the Clinic
Gad Asher Getz, PhD
Broad Institute of MIT and Harvard
Cambridge, Massachusetts

SESSION IV: Application Of Cancer Genomics To The Clinic I

Session Co-Chairs: Funda Meric-Bernstam, MD; Patrick Hwu, MD

9:30
Introduction
Patrick Hwu, MD

9:35
Incidental Germline Variants: Clinical Perspectives
Karen Lu, MD
The University of Texas MD Anderson Cancer Center
Houston, Texas

10:05
Learning Health Care Systems to Support Implementation of Personalized Medicine
Amy P. Abernethy, MD
Duke University
Durham, North Carolina

10:35
Break
Saturday, October 5, 2013 (continued)

10:50  Incorporating Genomic Information in the Care of Patients With Myeloid Leukemia
       Guillermo Garcia-Manero, MD
       The University of Texas MD Anderson Cancer Center
       Houston, Texas

11:20  Use of Whole Genome Outlier Analysis to Identify Occult Biomarkers of Drug Response
       David B. Solit, MD
       Memorial Sloan-Kettering Cancer Center
       New York, New York

SESSION V: Application Of Cancer Genomics To The Clinic II

SSession Co-Chairs: John Mendelsohn, MD; Ana Maria Gonzalez-Angulo, MD

11:50  Introduction
       Ana Maria Gonzalez-Angulo, MD

11:55  Stratifying Melanoma Patients for Combination Targeted Therapy
       Keith T. Flaherty, MD
       Massachusetts General Hospital
       Boston, Massachusetts

12:25 p.m.  Pre-Surgical Clinical Trials to Investigate Biologic Impact of Immunotherapy Agents
             Padmanee Sharma, MD, PhD
             The University of Texas MD Anderson Cancer Center
             Houston, Texas

12:55  Lunch/Poster Session

2:00  Poster Awardees Oral Presentations
       Introduction: Raghu Kalluri, MD, PhD

2:30  Wilson Stone Award Presentation and Lecture
       Introduction: Oliver Bogler, PhD

3:15  Heath Award Lecture and Presentation
       Overcoming Drug Resistance
       Introduction: John Mendelsohn, MD
       Charles L. Sawyers, MD
       Memorial Sloan-Kettering Cancer Center
       New York, New York

4:15  Closing Remarks
       Andrew Futreal, PhD

4:20  Adjourn
Registration Information
On-site registration opens at 7:00 a.m., Friday, October 4, 2013. The opening session will begin at 8:00 a.m. on October 4, and the symposium will adjourn at 4:20 p.m. on Saturday, October 5, 2013. Advance registration is encouraged as space and materials are limited. Please see registration form for applicable fees. The deadline for advance registration is September 13, 2013.

There are three ways to register:
1. Mail to:
   Department of CME/Conference Management – Unit 1381, The University of Texas MD Anderson Cancer Center, P. O. Box 301439, Houston, Texas 77230-1439.
2. Fax to 713-794-1724
3. On-line at www.mdanderson.org/conferences

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 except lunches. Students wishing to participate in the lunches must pay an additional fee of $24.00

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 is 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 13, 2013. 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.
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 $189.00 single or double occupancy.
• Please add 17% Texas state and local taxes.
• Reservations and deposits received after September 3, 2013, 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 Airport or George Bush Intercontinental Airport.
• 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 800-258-3826 or on-line at 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 800-258-3826 or on-line at www.supershuttle.com.

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 Program Chairs for consideration.
### Full Conference Registration Fee
- Before September 13, 2013: $300.00
- After September 13, 2013: $375.00

### One Day Registration Fee
- **Fri**: Before September 13, 2013: $105.00
  - After September 13, 2013: $135.00
- **Sat**: Before September 13, 2013: $105.00
  - After September 13, 2013: $135.00

### MD Anderson Alumni
- Before September 13, 2013: $225.00
- After September 13, 2013: $280.00

### Student Registration Fee
- Before September 13, 2013: $100.00
  - Lunch Fee: $24
- After September 13, 2013: $125.00
  - Lunch Fee: $30

### MD Anderson Faculty, Staff, Trainees (Exempt)
- Faculty: Before September 13, 2013: Lunch Fee: $24
- Student: Before September 13, 2013: Lunch Fee: $24
- Trainee: After September 13, 2013: Lunch Fee: $30
- Fellow: After September 13, 2013: Lunch Fee: $30
- Other: After September 13, 2013: Lunch Fee: $30

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**Symposium Registration - 0617/110828**

**Symposia on Cancer Research 2013**

**Genomic Medicine – October 4-5, 2013**

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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