

Symposia on Cancer Research 2013

Genomic Medicine

The symposium has been supported
in part by the Khalifa Bin Zayad Al
Nahyan Foundation.

Call for Poster Abstract Deadline is August 1, 2013.

Submit Poster Abstracts to: Research2013@mdanderson.org

Symposium Chairpersons:

Lynda Chin, M.D. (Chair)
Andy Futreal, Ph.D. (Co-Chair)
Funda Meric-Bernstam, M.D. (Co-Chair)

October 4-5, 2013

The University of Texas MD Anderson Cancer Center
R. Lee Clark Clinic
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/scr

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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

PROGRAM

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

Next-Generation Sequencing in the Clinic:

Challenges and Opportunities

Kenneth D. Aldape, MD

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

PROGRAM

Friday, October 4, 2013 *(continued)*

SESSION II: Computational Analysis

Session Co-Chairs: Roeland Verhaak, PhD; Andrew Futreal, PhD

11:20 p.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

PROGRAM

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

PROGRAM

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

Session Chair: John Mendelsohn, 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
Investigating Breast Cancer With Single Cell Genomics
Nicholas E. Navin, PhD
The University of Texas MD Anderson Cancer Center

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

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., 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.

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 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.

For additional information, contact the Department 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 \$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.

SYMPOSIUM REGISTRATION-0617/110828

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Genomic Medicine – October 4-5, 2013

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Full Conference Registration Fee

☐ Before September 13, 2013\$300.00

☐ After September 13, 2013\$375.00

One Day Registration Fee ☐ Fri ☐ Sat

☐ Before September 13, 2013\$105.00

☐ After September 13, 2013\$135.00

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☐ Before September 13, 2013\$275.00

☐ 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)

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☐ Before September 13, 2013Lunch Fee ☐ \$24

☐ After September 13, 2013Lunch Fee ☐ \$30

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