

The Future of Genomic Medicine VII

Thursday, March 6 and Friday, March 7, 2014 • Scripps Seaside Forum • La Jolla, California

*Presented in partnership with
AAAS/Science Translational Medicine*

Science
Translational
Medicine



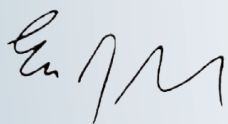
Scripps Translational
Science Institute

Dear Colleague,

In collaboration with AAAS/Science Translational Medicine we invite you to another exciting two day program on Thursday, March 6 and Friday, March 7, 2014 in beautiful San Diego, California. This year's program will again be held at Scripps Seaside Forum.

The 7th Future of Genomic Medicine conference will be the next iteration of taking genomic knowledge to transform the daily practice of medicine. To do this, we have patients present their story of how genomics affected their medical status, and have an international faculty of experts in genomics, science and medical journalism, and the life science industry provide critical perspective. This year we will be paying particular attention to genomics of undiagnosed and rare diseases, cancer (a disease of the genome), newborn and fetal genomics. Furthermore, we will delve into the hot topics of pharmacogenomics, the microbiome, the genomics of health span and longevity. For the first time we have assembled a remarkable panel of science journalists and editors to discuss the issues about what is being published in peer review journals (including open access) and in the lay press related to genomic medicine. The overarching goal of the conference is to spearhead efforts to use genomic knowledge to change medicine and make it far more precise and individualized.

We look forward to your participation and another successful conference.



Eric J. Topol, MD
Course Director

Conference Highlights

- Voice of the patient represented throughout the conference
- Renowned faculty representing the country's leading institutions
- Multiple panel discussion segments with ample question and answer time with faculty
- Additional networking opportunities

Educational Objectives

- Demonstrate the unmet needs of medicine today with respect to more targeted, individualized prevention and treatments.
- Discuss the opportunities of the genome, proteome, metabolome discovery to change medical practice as it exists today.
- Assess how changes and advances in technology are rapidly ushering in a whole array of new pathways for individualized medicine of the future.
- Explore specific strategies in cancer, idiopathic and pharmacogenomic futuristic interventions.

Target Audience

- Physicians
- Health care professionals of all disciplines interested in the future of medicine, especially with respect to individualized therapies
- Human geneticists
- Genomic scientists
- Researchers

About Scripps

Scripps Translational Science Institute (STSI), aims to replace the status-quo of one-size-fits-all-medicine with individualized health care that is based on the known genetic factors influencing health and disease and that takes advantage of advances in digital technology for real-time health monitoring.

Since its founding in 2006 by Scripps Health, STSI has been distinguished by its leadership in translational genomics and for harnessing digital, or wireless, medical technology for health monitoring of individual patients. In addition, it is the only member of the National Institutes of Health's Clinical and Translational Science Award (CTSA) consortium that is not affiliated with a university.

STSI hybridizes The Scripps Research Institute (TSRI)'s considerable biomedical science expertise with Scripps Health's exceptional patient care and clinical research. As a translational bridge between TSRI and Scripps Health, STSI fosters innovative programs and methodology, provides an optimal setting for training and education and accelerates the conduct of studies that will have the greatest potential impact on the practice of health care in the clinic and the community.

For more information on the Scripps Translational Science Institute, visit www.stsiweb.org.

Scripps Health, a nonprofit health care system based in San Diego, California, includes more than 2,600 affiliated physicians and over 13,000 employees at five acute-care hospital campuses, home health care services and a network of clinics, physician offices and outpatient centers. Scripps is committed to contributing to the future of medicine through its clinical research trials, graduate medical education and continuing medical education programs. More information can be found at www.scripps.org.

For more information on Scripps Health, visit www.scripps.org.

Faculty

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Michael Specter

Staff writer
The New Yorker

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J. Craig Venter Institute
San Diego, California

Bert Vogelstein, MD

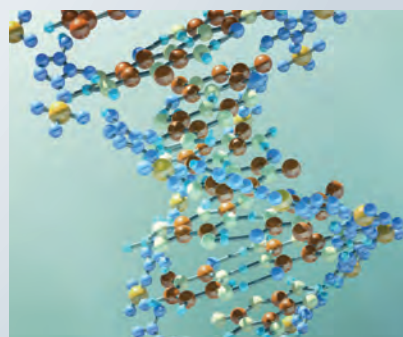
Howard Hughes Medical Institute Investigator
Johns Hopkins University
Baltimore, Maryland

Anne E. Wojcicki

Chief Executive Officer and Co-Founder, 23andMe
Mountain View, California

Carl Zimmer, PhD

Columnist, The New York Times



Program Thursday, March 6, and Friday, March 7, 2014

Thursday, March 6, 2014

- 7:30 a.m. *Registration and Breakfast*
- 8:00 a.m. **Welcome and Opening Remarks**
Eric J. Topol, MD, and
Chris VanGorder, FACHE
President and Chief Executive Officer
Scripps Health
- 8:15 a.m. **Patient/Family # 1**

Morning Session: Cancer, a Genomic Disease

- 8:45 a.m. Frank McCormick, PhD, FRS
- 9:15 a.m. Bert Vogelstein, MD
- 9:45 a.m. Elaine R. Mardis, PhD
- 10:05 a.m. Robert Nussbaum, MD
- 10:25 a.m. *Break, View Exhibits and Networking*
- 10:45 a.m. Sarah-Jane Dawson, FRACP, PhD
- 11:05 a.m. Michael Pellini, MD
- 11:25 a.m. TBD
- 11:45 a.m. **Morning Session Panel Discussion/
Q&A**
Morning Session Speakers and
Moderators
- 12:15 p.m. *Lunch, View Exhibits and Networking*

Afternoon Session I: Moving Genomics to the Clinic

- 1:00 p.m. J. Craig Venter, PhD
- 1:40 p.m. Interview and Q & A with Eric Topol, MD
and Vice President Al Gore
- 2:10 p.m. *Break, View Exhibits and Networking*
- 2:40 p.m. Heidi L. Rehm, PhD, FACMG
- 3:00 p.m. Muin J. Khoury, MD, PhD
- 3:20 p.m. **Afternoon Session I Panel Discussion/
Q&A**
Afternoon Session I Speakers and
Moderators

Afternoon Session II: Genomic Medicine: Dissemination of Information

- Moderator: Katrina L. Kelner, PhD*
- 3:50 p.m. Leonid Kruglyak, PhD
- 4:10 p.m. Carl Zimmer, PhD
- 4:30 p.m. Magdalena Skipper, PhD
- 4:50 p.m. Chris Gunter, PhD
- 5:10 p.m. **Afternoon Session II Panel Discussion/
Q&A**
Afternoon Session II Speakers and
Moderators
- 5:40 p.m. *Adjourn*



Thursday Evening Welcome Reception at Scripps Seaside Forum

Location: 8610 Kennel Way
La Jolla, California 92037

*Reception will take place following the conclusion of the
conference until 7:30 p.m.*

Exhibit and Support Opportunities

For information on exhibit and support opportunities during this
and many other Scripps educational conferences, please contact:

Scripps Conference Services & CME

858-652-5400
med.edu@scrippshealth.org
scripps.org/conferenceservices

Friday, March 7, 2014

7:30 a.m. *Registration and Breakfast*

Morning Session: Unborn, Idiopathic and Healthy Aged

8:00 a.m. **Patient/Family # 2**

8:30 a.m. Arthur L. Beaudet, MD

8:50 a.m. Jay A. Shendure, MD, PhD

9:10 a.m. Howard J. Jacob, PhD

9:30 a.m. Hakon Hakonarson, MD, PhD

9:50 a.m. *Break, View Exhibits and Networking*

10:20 a.m. David Epstein

10:40 a.m. Nir Birzalai, MD

11:00 a.m. Ali Torkamani, PhD

11:20 a.m. Jeffrey Hammerbacher, PhD

11:40 a.m. TBD

Noon **Morning Session Panel Discussion/
Q&A**

Morning Session Speakers and
Moderators

12:30 p.m. **7th Annual Scripps Genomic Medicine
Award Presentation**

Lunch, View Exhibits and Networking

Afternoon Session: Omics and the Future

1:15 p.m. Michael Specter

1:35 p.m. Jessica Richman

1:55 p.m. Andrew Feinberg, MD, MPH

2:15 p.m. Russ B. Altman, MD, PhD

2:35 p.m. Anne E. Wojcicki

2:55 p.m. *Break, View Exhibits and Networking*

3:25 p.m. Harry Greenspun, MD

3:45 p.m. Zubin Damania, MD

4:05 p.m. **Afternoon Session Panel Discussion/
Q&A**

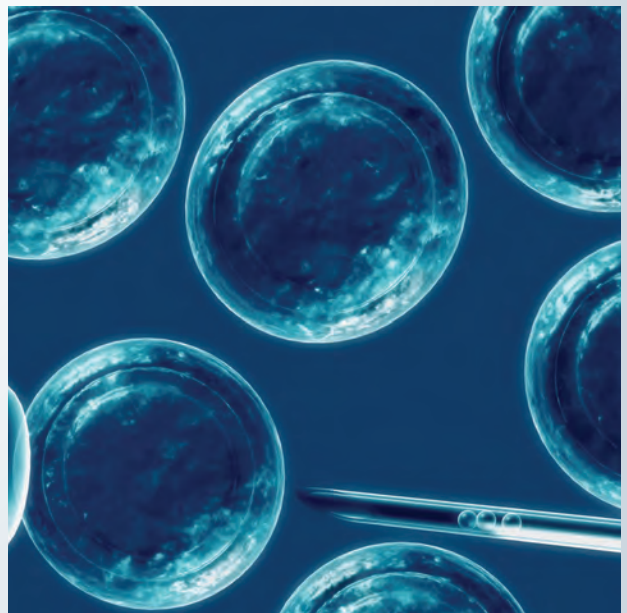
Afternoon Session Speakers and
Moderators

4:35 p.m. *Closing remarks and Adjourn*

Friday Evening Closing Reception at Scripps Seaside Forum

Location: 8610 Kennel Way
La Jolla, California 92037

*Reception will take place following the conclusion of the
conference until 6:00 p.m.*



Industry Support

This course is supported, in part, by educational grants from industry, in accordance with ACCME accreditation Standards for Commercial Support. At the time of printing, a complete listing of commercial supporters was not available. Appropriate acknowledgement will be given to all supporters at the time of the educational activity.

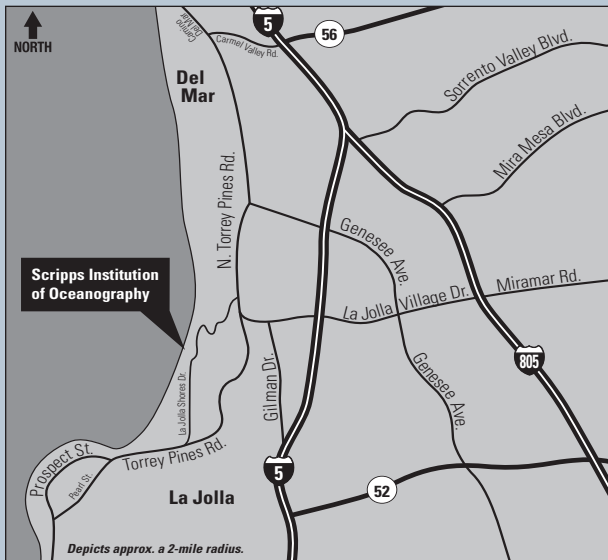
Conference Location

Scripps Seaside Forum

Robert Paine Scripps Forum for Science,
Society and the Environment

Samuel H. Scripps Auditorium

8610 Kennel Way
La Jolla, California 92037



Directions:

- From Interstate 5, head west on La Jolla Village Drive towards Birch Aquarium
- Make a left on Expedition Way
- Make a right on Downwind Way at the stop sign before Birch Aquarium
- This road curves to the left. Follow it to the end
- Make a left on La Jolla Shores Drive
- Make a right on El Paseo Grande
- Scripps Seaside Forum will be on your right

Parking and Transportation:

- **IMPORTANT!** You **CAN NOT** park in the lots outside of Scripps Seaside Forum. You will be ticketed.
- Directional parking signs will be displayed and additional information regarding available parking will be provided upon registration.
- Parking is available in the underground parking lot at La Jolla Shores Hotel (\$5/day and \$14/overnight) and at Kellogg Park (free). **Please see the front desk at the hotel and mention you are attending the Scripps Genomic Medicine Conference in order to obtain a parking pass to receive the discounted rate**
- Street parking is also available.
- There will be a looping shuttle on Thursday, March 6 and Friday, March 7 between Scripps Translational Science Institute, The Estancia Hotel, The La Jolla Shores Hotel, Kellogg Park and Scripps Seaside Forum.
- Handicap parking is available in the lots outside of the forum. These spots are marked and appropriate signage must be displayed.
- You may also park and walk to/from La Jolla Shores Hotel and Kellogg Park to Scripps Seaside Forum (approx. 15 min.).
- **UCSD Employees/Faculty/Students** are encouraged to park in a UCSD parking lot and take the SIO shuttle to/from Scripps Seaside Forum.

Recommended Lodging

Estancia La Jolla Hotel & Spa

9700 N. Torrey Pines Road
La Jolla, California 92037

Located only one mile from the conference venue, this beautiful hotel is situated adjacent to the Salk Institute for Biological Studies, the University of California San Diego (UCSD), the village of La Jolla, beaches, shopping, and San Diego's world-class attractions.

Make your reservations early! A specially priced block of rooms is being held until **February 24, 2014**. After that time, reservations will be accepted on a space and rate availability basis only. Be sure to request the Scripps reduced rate of \$189 per night plus tax. This low rate also includes:

- Discounted parking \$8/day and \$15/ overnight
- Complimentary guestroom internet service
- 10% Spa Discount, Monday – Friday for conference attendees

Reservations:

Online: www.estancialajolla.com (Enter code: **FOGMVII** when making your reservation online in order to receive the reduced rate)

Phone: 877-437-8262 (Reference **"Scripps Genomic Medicine Conference"** when making your reservation in order to receive the reduced rate)

La Jolla Shores Hotel

8110 Camino Del Oro
La Jolla, California 92037

Located only steps from the conference venue, La Jolla Shores Hotel is one of the select few hotels in San Diego situated directly on the beach.

Make your reservations early! A specially priced block of rooms is being held until February 20, 2014. After that time, reservations will be accepted on a space and rate availability basis only. Be sure to request the Scripps reduced rate of \$160 per night plus tax for the Garden View Hotel room, \$175 per night plus tax for the Coast View room or \$185 per night plus tax for the Beach Front room. This low rate also includes:

- Discounted parking: \$5/day and \$14/ overnight
- Complimentary guestroom internet service

Reservations:

Online: www.ljshoreshotel.com (Enter group code: **FOGM14** when you "click here for special rates.")

Phone: 866-392-8762 (Please reference **"Scripps Genomic Medicine Conference"** when making your reservation in order to receive the reduced rate)

La Jolla, California

La Jolla is known throughout the world for its beautiful beaches and year-round temperate weather. Nestled on the northern edge of San Diego, it is unique in that it maintains its quaint village atmosphere within a sophisticated cosmopolitan environment. A broad spectrum of cultural and recreational activities is also available in the metropolitan San Diego area, including the nationally acclaimed San Diego Zoo, Wild Animal Park, Sea World, the San Diego Opera, the Old Globe Theater, and the Museum of Contemporary Art, San Diego in La Jolla.

www.lajolla.com

www.sandiego.org

The Future of Genomic Medicine VII

Conference Fees

Space is limited, so register early!

Included: Registration includes course tuition, course materials, breakfasts, breaks, lunches and receptions.

Not Included: Travel costs, lodging, parking and dinners.

Please note, this course does not offer Continuing Medical Education (CME) credits.

Registration Fee \$200 \$225 On-site after
Feb. 20, 2014

Students, Residents and Fellows (Research and Clinical)
(Please enclose proof of status when registering) Waived \$25

Scripps Translational Science Institute employees
(Registration staff will verify employment) \$50 \$75

On-site Registration

Please note pre-registration will be accepted through February 20, 2014. After this date, registration will only be accepted on-site and will incur an additional \$25 fee.

By completing this registration form and returning it to Scripps you are acknowledging compliance with all attendance policies.

Please print clearly. Should we have any conference communications or updates please provide your direct contact information.

FIRST, MI, LAST NAME		DEGREE (MD, DO, PhD, RN, etc.)
BADGE NAME (IF DIFFERENT FROM ABOVE)		
TWITTER HANDLE		
AFFILIATION/HOSPITAL/COMPANY	SPECIALTY	
DIRECT MAILING ADDRESS		
CITY	STATE	ZIP
DIRECT TELEPHONE	FAX	
E-MAIL		
ASSISTANT NAME	ASSISTANT DIRECT TELEPHONE	
ASSISTANT E-MAIL		

Please indicate any special needs (including dietary restrictions.)

Special requests will be considered and accommodated in full compliance with the Americans with Disabilities Act (ADA)

Office Use Only: Date Received Check No./Approval CD Amount Confirmation Sent Initials

Payment Method

CHECK Please make payable to: Scripps (in US Dollars only)

Visa Mastercard AMEX Discover If paying by credit card, please complete the information below.

CREDIT CARD NUMBER	SECURITY CODE	EXPIRATION DATE
NAME ON CARD		
BILLING ADDRESS IF DIFFERENT FROM ABOVE		

SIGNATURE

DATE

Three Easy Ways To Register

Online: scripps.org/conferenceservices

Fax: 858-652-5565

Mail: Scripps Conference Services & CME
Genomic Medicine Conference
11025 North Torrey Pines Road
Suite 200, Mail drop: SCRC200
La Jolla, California 92037

Questions?

Contact: Scripps Conference Services & CME

Phone: 858-652-5400

Email: med.edu@scrippshealth.org

Attendance Policies

Registration Confirmation

A confirmation letter will be e-mailed or mailed to you upon receipt of the conference registration form and payment. If you have not received it within two weeks, please contact the Scripps Conference Services & CME office.

Attendee Cancellation, Substitution, Refund

The course tuition is refundable, minus a \$50 processing fee, if your cancellation is received in writing no later than February 20, 2014. Attendee substitutions are allowed, but notification must be made in writing by February 20, 2014. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to "no shows."

Guest Attendance Policy

All conference activities (including educational sessions, meal functions, exhibit hall, etc.) are exclusively reserved for conference attendees. Non-registered guests (including children, family members, colleagues, etc.) are not allowed in the conference areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

Scripps Conference Modification or Cancellation

Scripps reserves the right to modify the course's schedule or program as necessary. Scripps also reserves the right to cancel this conference, in which case a full refund of the registration fee will be provided. We are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.

Recording and Photography Clause

Scripps reserves exclusive rights to record (audio and video) and/or photograph all conference proceedings for use in marketing materials, presentations and course content sales.



Scripps Conference Services & CME
11025 North Torrey Pines Road
Suite 200, Maildrop SCRC200
La Jolla, CA 92037

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Scripps Seaside Forum

Scripps Institution of Oceanography

Robert Paine Scripps Forum for Science, Society and the Environment

Samuel H. Scripps Auditorium

La Jolla, California

Presented in partnership with AAAS/Science Translational Medicine



The Future of Genomic Medicine VII

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Scripps Seaside Forum • La Jolla, California

Conference Highlights

- Two-day curriculum
- Renowned faculty representing the country's leading institutions, chosen for their expertise as well as teaching skills
- Multiple panel discussion segments with ample question and answer time with faculty
- Additional networking opportunities

What attendees had to say!

- One of the best conferences in this field I have ever attended! World class speakers, science and passion.
- Anyone who is involved in medicine and/or genomics research should attend get a picture of where science and medicine are heading.
- I was so impressed with the prestige of the speakers and the focus not just on so many aspects of the field: science, technology, medicine, ethics, etc.



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