Scripps Translational Science Institute
In Partnership with AAAS/Science Translational Medicine
Present

The Future of Genomic Medicine VII
Conference

Scripps Seaside Forum - Scripps Institution of Oceanography
Robert Paine Scripps Forum for Science, Society and the Environment
Samuel H. Scripps Auditorium
La Jolla, California

Thursday March 6th 2014
Friday March 7th 2014
Course Director

Eric J. Topol, MD
Director, Scripps Translational Science Institute
Chief Academic Officer, Scripps Health
Professor of Genomics, The Scripps Research Institute
La Jolla, California

Planning Committee

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Conference Faculty

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Director, Biomedical Informatics Training Program
Past-President (2000-2001)
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Professor, Department of Molecular and Human Genetics
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Sarah-Jane Dawson, FRACP, PhD  
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United Kingdom

David Epstein  
Author, THE SPORTS GENE: The Science of Extraordinary Athletic Performance

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King Fahd Professor of Medicine, Oncology, and Molecular Biology & Genetics  
Johns Hopkins University School of Medicine  
Professor of Biostatistics, Johns Hopkins Bloomberg School of Public Health  
Director, Center for Epigenetics, Johns Hopkins Institute for Basic Biomedical Sciences  
Chief, Division of Molecular Medicine, Department of Medicine  
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Senior Advisor  
Healthcare Transformation & Technology  
Deloitte Center for Health Solutions  
Deloitte LLP

Al Gore  
Former Vice President of the United States

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Owner, Girlscientist Consulting  
Atlanta, Georgia

Hakon Hakonarson, MD, PhD  
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Associate Professor of Pediatrics  
Department of Pediatrics and Division of Genetics  
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University of Pennsylvania School of Medicine  
Philadelphia, Pennsylvania

Jeffrey Hammerbacher, PhD  
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Genetics and Genomic Sciences  
Mount Sinai Hospital  
New York, New York
Howard J. Jacob, PhD
Director, Human and Molecular Genetics Center
Warren P. Knowles Chair of Genetics
Professor, Department of Physiology & Pediatrics
Medical College of Wisconsin
Vice Chair of Research, Department of Pediatrics
Children’s Hospital of Wisconsin
Milwaukee, Wisconsin

Katrina L. Kelner, PhD
Editor
Science Translational Medicine

Muin J. Khoury, MD, PhD
Director, Office of Public Health Genomics
Centers for Disease Control and Prevention
Atlanta, Georgia

Leonid Kruglyak, PhD
Department of Biological Chemistry
University of California, Los Angeles
Los Angeles, California

Elaine R. Mardis, PhD
Professor, Genetics and Molecular Microbiology
Co-Director of The Genome Institute
Washington University School of Medicine
St. Louis, Missouri

Frank McCormick, PhD, FRS
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University of California, San Francisco School of Medicine
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San Francisco, California

Robert Nussbaum, MD
Professor, Department of Medicine
Chief, Division of Medical Genetics
Holly Smith Distinguished Professorship in Science and Medicine
University of California, San Francisco
San Francisco, California

Michael Pellini, MD
President and Chief Executive Officer
Foundation Medicine
Cambridge, Massachusetts
Program 2014  
Thursday, March 06, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Registration and Breakfast</td>
</tr>
</tbody>
</table>
| 8:00 a.m. | **Welcome and Opening Remarks**  
Eric J. Topol, MD and  
Chris Van Gorder, FACHE, President and Chief Executive Officer, Scripps Health |
| 8:15 a.m. | Patient/Family # 1                                                   |

**Morning Session: Cancer, a Genomic Disease**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 a.m.</td>
<td>Frank McCormick, PhD, FRS</td>
</tr>
<tr>
<td>9:15 a.m.</td>
<td>Bert Vogelstein, MD</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td>Elaine R. Mardis, PhD</td>
</tr>
<tr>
<td>10:05 a.m.</td>
<td>Robert Nussbaum, MD</td>
</tr>
<tr>
<td>10:25 a.m.</td>
<td><em>Break, View Exhibits and Networking</em></td>
</tr>
<tr>
<td>10:45 a.m.</td>
<td>Sarah-Jane Dawson, FRACP, PhD</td>
</tr>
<tr>
<td>11:05 a.m.</td>
<td>Michael Pellini, MD</td>
</tr>
<tr>
<td>11:25 a.m.</td>
<td>TBD</td>
</tr>
</tbody>
</table>
| 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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>1:00 p.m.</td>
<td>J. Craig Venter, PhD</td>
</tr>
<tr>
<td>1:40 p.m.</td>
<td>Interview and Q &amp; A with Eric Topol, MD and Vice President Al Gore</td>
</tr>
<tr>
<td>2:10 p.m.</td>
<td><em>Break, View Exhibits and Networking</em></td>
</tr>
<tr>
<td>2:40 p.m.</td>
<td>Heidi Rehm, PhD, FACMG</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Muin J. Khoury, MD, PhD</td>
</tr>
</tbody>
</table>
| 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*

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>3:50 p.m.</td>
<td>Leonid Kruglyak, PhD</td>
</tr>
<tr>
<td>4:10 p.m.</td>
<td>Carl Zimmer, PhD</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Magdalena Skipper, PhD</td>
</tr>
<tr>
<td>4:50 p.m.</td>
<td>Chris Gunter, PhD</td>
</tr>
</tbody>
</table>
| 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 follow the conclusion of the conference until 7:30 p.m.*

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**Friday, March 07, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Registration and Breakfast</td>
</tr>
</tbody>
</table>

**Morning Session: Unborn, Idiopathic and Healthy Aged**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker/Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Patient/Family # 2</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Arthur L. Beaudet, MD</td>
</tr>
<tr>
<td>8:50 a.m.</td>
<td>Jay Shendure, MD, PhD</td>
</tr>
<tr>
<td>9:10 a.m.</td>
<td>Howard J. Jacob, PhD</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Hakon Hakonarson, MD, PhD</td>
</tr>
<tr>
<td>9:50 a.m.</td>
<td>Break, View Exhibits and Networking</td>
</tr>
<tr>
<td>10:20 a.m.</td>
<td>David Epstein</td>
</tr>
<tr>
<td>10:40 a.m.</td>
<td>Nir Birzalai, MD</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Ali Torkamani, PhD</td>
</tr>
<tr>
<td>11:20 a.m.</td>
<td>Jeffrey Hammerbacher, PhD</td>
</tr>
<tr>
<td>11:40 a.m.</td>
<td>TBD</td>
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</tbody>
</table>

**Noon**  
**Morning Session Panel Discussion/Q&A**  
**Morning Session Speakers and Moderators**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:30 p.m.</td>
<td>7th Annual Scripps Genomic Medicine Award Presentation</td>
</tr>
</tbody>
</table>

**Afternoon Session: Omics and the Future**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker/Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:15 p.m.</td>
<td>Germs Are Us</td>
</tr>
<tr>
<td></td>
<td>Michael Specter</td>
</tr>
<tr>
<td>1:35 p.m.</td>
<td>Jessica Richman</td>
</tr>
<tr>
<td>1:55 p.m.</td>
<td>Andrew P. Feinberg, MD, MPh</td>
</tr>
<tr>
<td>2:15 p.m.</td>
<td>Russ Altman, MD, PhD</td>
</tr>
<tr>
<td>2:35 p.m.</td>
<td>Anne E. Wojcicki</td>
</tr>
<tr>
<td>2:55 p.m.</td>
<td>Break, View Exhibits and Networking</td>
</tr>
<tr>
<td>3:25 p.m.</td>
<td>Harry Greenspun, MD</td>
</tr>
<tr>
<td>3:45 p.m.</td>
<td>Zubin Damania, MD</td>
</tr>
<tr>
<td>4:05 p.m.</td>
<td>Afternoon Session Panel Discussion/Q&amp;A</td>
</tr>
<tr>
<td></td>
<td>Afternoon Session Speakers and Moderators</td>
</tr>
<tr>
<td>4:35 p.m.</td>
<td>Closing Remarks and Adjourn</td>
</tr>
</tbody>
</table>

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Friday Evening Closing Reception at Scripps Seaside Forum
Location: 8610 Kennel Way
La Jolla, California 92037

Reception will take place follow the conclusion of the conference until 6:30 p.m.

For additional information contact:
Scripps Conference Services & CME
Tel: (858) 652-5400
Fax: (858) 652-5565
Email: Med.Edu@scrippshealth.org

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