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**GORDON RESEARCH CONFERENCES** *frontiers of science*

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**Nancy Ryan Gray, Ph.D.**  
Director

**2009 GORDON RESEARCH CONFERENCE  
on EPIGENETICS**

**FINAL PROGRESS REPORT**

DEPARTMENT OF ENERGY  
GRANT NO. DE-SC0001273

The Gordon Research Conference on EPIGENETICS was held at Holderness School, Holderness, New Hampshire, August 9-14, 2009. The Conference was well-attended with 166 participants (attendees list attached). The attendees represented the spectrum of endeavor in this field coming from academia, industry, and government laboratories, both U.S. and foreign scientists, senior researchers, young investigators, and students. Of the 166 attendees, 74 voluntarily responded to a general inquiry regarding ethnicity which appears on our registration forms. Of the 74 respondents, 14% were Minorities – 1% Hispanic, 12% Asian & 1% African American. Approximately 39% of the participants at the 2009 meeting were women.

In designing the formal speakers program, emphasis was placed on current unpublished research and discussion of the future target areas in this field. There was a conscious effort to stimulate lively discussion about the key issues in the field today. Time for formal presentations was limited in the interest of group discussions. In order that more scientists could communicate their most recent results, poster presentation time was scheduled. Attached is a copy of the formal schedule and speaker program and the poster program. In addition to these formal interactions, "free time" was scheduled to allow informal discussions. Such discussions are fostering new collaborations and joint efforts in the field.

Thank you for your support of this Conference. As you know, in the interest of promoting the presentation of unpublished and frontier-breaking research, Gordon Research Conferences does not permit publication of meeting proceedings. If you wish any further details, please feel free to contact me. Thank you.

Sincerely,  
*Jeannie Lee, PI & Conference Chairperson*  
MASSACHUSETTS GENERAL HOSPITAL

# EPIGENETICS

August 9-14, 2009

Holderness School

Holderness, NH

Chair:

**Jeannie Lee**

Vice Chair:

**Marisa Bartolomei**

Epigenetics refers to the study of heritable changes in genome function that occur without a change in primary DNA sequence. The 2009 Gordon Conference in Epigenetics will feature discussion of various epigenetic phenomena, emerging understanding of their underlying mechanisms, and the growing appreciation that human, animal, and plant health all depend on proper epigenetic control. Special emphasis will be placed on genome-environment interactions particularly as they relate to human disease. Towards improving knowledge of molecular mechanisms, the conference will feature international leaders studying the roles of higher order chromatin structure, noncoding RNA, repeat elements, nuclear organization, and morphogenic evolution. Traditional and new model organisms are selected from plants, fungi, and metazoans.

## Contributors



University of Zurich



U.S. DEPARTMENT OF  
**ENERGY**



Cold Spring Harbor  
Laboratory Press



## SUNDAY

2:00 pm - 9:00 pm	Arrival and Check-in (Office Closed 6:00 pm - 7:00 pm)
6:00 pm	Dinner
7:30 pm - 7:35 pm	Welcome / Introductory Comments by GRC Site Staff
7:35 pm - 7:40 pm	Welcome Note by the Organizers
7:40 pm - 9:30 pm	<b>CLASSIC EPIGENETIC PHENOMENA</b>
	Discussion Leader: <b>Eric Richards</b> (Cornell University)
7:40 pm - 7:55 pm	<b>Vicky Chandler</b> (University of Arizona) "Epigenetic Silencing across Generations"
7:55 pm - 8:00 pm	Discussion
8:00 pm - 8:15 pm	<b>Paul Soloway</b> (Cornell University) "Successful Computational Prediction of Novel Imprinted Genes from Epigenomic Features"
8:15 pm - 8:20 pm	Discussion
8:20 pm - 8:35 pm	<b>Ting Wu</b> (Harvard Medical School) "Implications of homology"
8:35 pm - 8:40 pm	Discussion
8:40 pm - 8:55 pm	<b>Steve Henikoff</b> (Fred Hutchinson Cancer Research Center) "Epigenetic Inheritance of Centromeric Chromatin"
8:55 pm - 9:00 pm	Discussion
9:00 pm - 9:10 pm	Short Talk: <b>Doug Chalker</b> (Washington University, St. Louis) "Dynamic nuclear reorganization and extensive genome rearrangements remodel the differentiating somatic nucleus of Tetrahymena"
9:10 pm - 9:15 pm	Discussion
9:15 pm - 9:30 pm	<b>Eric Richards: Synthesis &amp; Discussion - What is epigenetics?</b>

## MONDAY

7:30 am - 8:30 am	Breakfast
8:45 am	Group Photo
9:00 am - 12:30 pm	<b>GERMLINE &amp; TRANSGENERATIONAL INHERITANCE</b>
	Discussion Leader: <b>William Kelley</b> (Emory University, GA)
9:00 am - 9:15 am	<b>Brad Cairns</b> (University of Utah) "Chromatin Packaging in Mature Germ Cells"

9:15 am - 9:20 am	Discussion
9:20 am - 9:35 am	<b>Marcus Pembrey</b> (University of Bristol, UK) "Male-line Transgenerational Responses in Humans"
9:35 am - 9:40 am	Discussion
9:40 am - 9:55 am	<b>Hiroyuki Sasaki</b> (National Institute of Genetics, Shizuoka, Japan) "Genomic Imprinting, DNA Methylation and Small RNAs in Mammalian Germ Cells"
9:55 am - 10:00 am	Discussion
10:00 am - 10:10 am	Short Talk: <b>Yoav Soen</b> (Weizmann Institute, Israel) "Trans-generational Inheritance of Plastic Responses to a Novel Challenge Presented to Developing Flies"
10:10 am - 10:15 am	Discussion
10:15 am - 10:45 am	Coffee Break
10:45 am - 11:00 am	<b>Pat Shiu</b> (University of Missouri) "Meiotic Silencing by Unpaired DNA"
11:00 am - 11:05 am	Discussion
11:05 am - 11:20 am	<b>James Turner</b> (National Institute for Medical Research, UK) "Meiotic Silencing in Mammals"
11:20 am - 11:25 am	Discussion
11:25 am - 11:35 am	Short Talk: <b>Frederic Chedin</b> (UC-Davis) "Formation of long, stable R-loops is a novel characteristic of the human SNRPN and mouse Air imprinting centers"
11:35 am - 11:40 am	Discussion
11:40 am - 11:50 am	Short Talk: <b>Jonathan Schneiderman</b> (Harvard Medical School) "Transcriptional and germline functions for the H3.3 histone variant"
11:50 am - 11:55 am	Discussion
11:55 am - 12:05 pm	Short Talk: <b>Felipe Texeira</b> (CNRS, France) "Widespread gene misregulation due to loss of DNA methylation over repeat elements in <i>Arabidopsis</i> "
12:05 pm - 12:10 pm	Discussion
12:10 pm - 12:20 pm	<b>William Kelley: Synthesis &amp; Discussion - How much and how far can the germline transmit?</b>
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session
6:00 pm	Dinner
7:30 pm - 9:30 pm	<b>EPIGENETIC REPROGRAMMING DURING DEVELOPMENT</b>
	Discussion Leader: <b>Robert Feil</b> (CNRS, France)

7:30 pm - 7:45 pm	<b>Rudolf Jaenisch</b> (Whitehead Institute for Biomedical Research) "The Epigenetic (In)stability of the Pluripotent and Differentiated Cell State"
7:45 pm - 7:50 pm	Discussion
7:50 pm - 8:05 pm	<b>Wolf Reik</b> (The Babraham Institute, UK) "Regulation of Epigenetic Reprogramming in Mammalian Development"
8:05 pm - 8:10 pm	Discussion
8:10 pm - 8:25 pm	<b>Daniel Grimanelli</b> (Institut de Recherche et Développement, France) "Chromatin-Level Control of Reproductive Strategies in Plants"
8:25 pm - 8:30 pm	Discussion
8:30 pm - 8:45 pm	<b>Anne Ferguson-Smith</b> (University of Cambridge, UK) "Imprinted Genes and Mammalian Development"
8:45 pm - 8:50 pm	Discussion
8:50 pm - 9:00 am	Short Talk: <b>Frederic Berger</b> (National University of Singapore) "Epigenetic Reprogramming of Histone Marks during Sexual Reproduction in <i>Arabidopsis</i> "
9:00 pm - 9:05 pm	Discussion
9:05 pm - 9:25 pm	<b>Robert Feil: Synthesis &amp; Discussion - Challenges during reprogramming</b>

## TUESDAY

7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	<b>BALANCING THE EPIGENOME</b> Discussion Leader: <b>Marisa Bartolomei</b> (University of Pennsylvania)
9:00 am - 9:15 am	<b>Jenny Graves</b> (Australian National University, Australia) "The Chromosomal Balancing Act in Marsupials and Monotremes"
9:15 am - 9:20 am	Discussion
9:20 am - 9:35 am	<b>Peter Becker</b> (Munich University, Germany) "Regulation of the Male X in <i>Drosophila</i> by the MSL complex"
9:35 am - 9:40 am	Discussion
9:40 am - 9:55 am	<b>Jim Birchler</b> (University of Missouri) Genomic Balance and the Male Specific Lethal (MSL) Complex in <i>Drosophila</i>
9:55 am - 10:00 am	Discussion
10:00 am - 10:10 am	Short Talk: <b>Christine Disteche</b> (University of Washington, Seattle) "Complex Genome-Wide Balancing Acts in Eutherian Mammals"
10:10 am - 10:15 am	Discussion
10:15 am - 10:45 am	Coffee Break
10:45 am - 11:00 am	<b>Barbara Meyer</b> (University of California-Berkeley) "Dosage Compensation in Round Worms and its Connection to Meiosis"

11:00 am - 11:05 am Discussion

11:05 am - 11:20 am **Jeffrey Chen** (University of Texas)  
"An Epigenetic Balance around the Clock: a Molecular Basis for Growth Vigor in Hybrids and Allopolyploids"

11:20 am - 11:25 am Discussion

11:25 am - 11:40 am **Peter Fraser** (The Babraham Institute, UK)  
"The transcriptional interactome; overlapping networks of gene co-associations at transcription factories"

11:40 am - 11:45 am Discussion

11:45 am - 11:55 am Short Talk: **Laura Carrel** (Penn State University)  
"A conserved hypomethylated multi-gene domain on the inactive X chromosome"

11:55 am - 12:00 pm Discussion

12:00 pm - 12:20 pm **Marisa Bartolomei: Synthesis & Discussion - Are there multiple methods of balancing the genome? Inverse effect versus dosage compensation**

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **EPIGENETICS IN HEALTH & DISEASE**

Discussion Leader: **Howard Cedar** (Hebrew University, Israel)

7:30 pm - 7:45 pm **Amar Klar** (National Cancer Institute at Frederick)  
"Cellular Differentiation through Epigenetics and Selective Chromatid Segregation"

7:45 pm - 7:50 pm Discussion

7:50 pm - 8:05 pm **Steve Baylin** (Johns Hopkins University School of Medicine)  
"Epigenetic Misregulation in Cancer"

8:05 pm - 8:10 pm Discussion

8:10 pm - 8:25 pm **Renato Paro** (ETH Zürich, Switzerland)  
"Epigenetic Control of Regeneration"

8:25 pm - 8:30 pm Discussion

8:30 pm - 8:45 pm **Rosanna Weksberg** (SickKids, Canada)  
"Epigenetics and Human Disease"

8:45 pm - 8:50 pm Discussion

8:50 pm - 9:05 pm **Jasper Rine** (University of California-Berkeley)  
"Effect of folate on gene activity in humans and yeast"

9:05 pm - 9:10 pm Discussion

9:10 pm - 9:30 pm **Howard Cedar: Synthesis & Discussion - How much of disease is epigenetic versus genetic?**

## WEDNESDAY

7:30 am - 8:30 am Breakfast

### 9:00 am - 12:30 pm ENVIRONMENTAL EPIGENETICS AND BEHAVIOR

Discussion Leader: **Doug Ruden** (Wayne State University)

9:00 am - 9:15 am **Patricia Hunt** (Washington State University)

"Epigenetic change effected by environmental toxins"

9:15 am - 9:20 am Discussion

9:20 am - 9:35 am **Emma Whitelaw** (Queensland Institute of Medical Research, Australia)

"The Molecular basis of Intangible Variation"

9:35 am - 9:40 am Discussion

9:40 am - 9:55 am **Ortrun Mittelsten Scheid** (Gregor Mendel Institute, Austria)

"Heat stress causes transient suppression of transcriptional gene silencing"

9:55 am - 10:00 am Discussion

10:00 am - 10:10 am Short Talk: **Bas Rutjens** (John Innes Centre, UK)

"Cold-induced epigenetic silencing mediated by long non-coding FLC transcripts"

10:10 am - 10:15 am Discussion

10:15 am - 10:45 am Coffee Break

10:45 am - 11:00 am **Moshe Szyf** (McGill University, Canada)

"The impact of the early social environment on the adult epigenome"

11:00 am - 11:05 am Discussion

11:05 am - 11:20 am **Catherine Dulac** (Harvard University)

"Spatial, Temporal, Sex- and Species-Specific Genomic Imprinting in the Mouse Brain"

11:20 am - 11:25 am Discussion

11:25 am - 11:40 am **Susan Lindquist** (Whitehead Institute for Biomedical Research, MIT)

"Prion proteins provide a survival strategy for generating heritable phenotypic diversity"

11:40 am - 11:45 am Discussion

11:45 am - 12:00 pm **Reed Wickner** (National Institutes of Health)

"The structural basis of protein-based inheritance"

12:00 pm - 12:05 pm Discussion

12:05 pm - 12:25 pm **Doug Ruden: Synthesis & Discussion - Lamarckian genetics via environmental influences and prions?**

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:00 pm - 7:30 pm Business Meeting

(Nominations for the next Vice Chair; Fill out Conference Evaluation Forms; Discuss future Site & Scheduling preferences; Election of the next Vice Chair)

7:30 pm - 9:30 pm

## CHROMATIN MODIFIERS & DNA METHYLATION

Discussion Leader: **Jean Finnegan** (CSIRO, Australia)

7:30 pm - 7:45 pm

**Judith Bender** (Brown University)

"The role of small RNAs in maintaining DNA methylation on duplicated sequences"

7:45 pm - 7:50 pm

Discussion

7:50 pm - 8:05 pm

**Eric Selker** (University of Oregon)

"Control of DNA Methylation in *Neurospora*"

8:05 pm - 8:10 pm

Discussion

8:10 pm - 8:25 pm

**Steve Jacobsen** (University of California-Los Angeles)

"Regulation of DNA Methylation and Histone Modifications in *Arabidopsis*"

8:25 pm - 8:30 pm

Discussion

8:30 pm - 8:45 pm

**Marjori Matzke** (Gregor Mendel Institute, Austria)

"RNA-directed DNA Methylation in *Arabidopsis*"

8:45 pm - 8:55 pm

Discussion

8:55 pm - 9:10 pm

**Andreas Houben** (Leibniz Institute of Plant Genetics and Crop Research, Germany)

"Phosphorylation of Histone H3 in Plants - a Dynamic Affair"

9:10 pm - 9:15 pm

Discussion

9:15 pm - 9:30 pm

**Jean Finnegan: Synthesis & Discussion - The connection between DNA & histone methylation in affecting genome behavior**

## THURSDAY

7:30 am - 8:30 am

Breakfast

9:00 am - 12:30 pm

## CONTROL BY TRANSPOSONS & ncRNA

Discussion Leader: **Sarah Elgin** (Washington University)

9:00 am - 9:15 am

**Tetsuji Kakutani** (National Institute of Genetics, Shizuoka, Japan)

"Genetics of DNA Methylation in Genes and Transposons in *Arabidopsis*"

9:15 am - 9:20 am

Discussion

9:20 am - 9:35 am

**Jim Goodrich** (University of Colorado)

"Regulation of Mammalian mRNA transcription by SINE RNAs"

9:35 am - 9:40 am

Discussion

9:40 am - 9:50 am

Short Talk: **Alysson Muotri** (University of California-San Diego)

"L1 retrotransposition in the Nervous System"

9:50 am - 9:55 am

Discussion

9:55 am - 10:10 am

**Denise Barlow** (University of Vienna, Austria)



"Long ncRNA and Imprinting in Mammals"

10:10 am - 10:15 am Discussion

10:15 am - 10:45 am Coffee Break

10:45 am - 11:00 am **Shiv Grewal** (National Institutes of Health)  
"RNAi-mediated Epigenetic Control of the Genome"

11:00 am - 11:05 am Discussion

11:05 am - 11:20 am **Danesh Moazed** (Harvard Medical School)  
"Noncoding RNAs and Inheritance of Heterochromatin"

11:20 am - 11:25 am Discussion

11:25 am - 11:40 am **Rob Martienssen** (Cold Spring Harbor Laboratories)  
"Copying and Reprogramming Heterochromatin with RNA interference"

11:40 am - 11:45 am Discussion

11:45 am - 12:00 pm **Tim Bestor** (Columbia University)  
"Regulation and Mechanism of *de novo* DNA methylation"

12:00 pm - 12:05 pm Discussion

12:05 pm - 12:25 pm **Sally Elgin: Synthesis & Discussion - Is junk DNA no longer junk?**

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **NUCLEAR ORGANIZATION**

Discussion Leader: **Thomas Cremer** (Munich University, Germany)

7:30 pm - 7:45 pm **Vince Pirrotta** (Rutgers University, NJ)  
"The role of Polycomb proteins in genome organization"

7:45 pm - 7:50 pm Discussion

7:50 pm - 8:00 pm Short Talk: **Pam Geyer** (University of Iowa)  
"Stem cell homeostasis in the *Drosophila* female gonad requires integrity of the nuclear lamina"

8:00 pm - 8:05 pm Discussion

8:05 pm - 8:20 pm **Alexandre Reymond** (University of Lausanne, Switzerland)  
"Genome structure and gene expression"

8:20 pm - 8:25 pm Discussion

8:25 pm - 8:40 pm **Wendy Bickmore** (The Babraham Institute, UK)  
"The repression of gene expression in the nuclear space"

8:40 pm - 8:45 pm Discussion

8:45 pm - 9:00 pm **Craig Pikaard** (Washington University)  
"Functions of nuclear RNA Polymerases IV and V in plant siRNA-directed gene silencing"

9:00 pm - 9:05 pm Discussion

9:05 pm - 9:25 pm     **Thomas Cremer: Synthesis & Discussion - Nuclear organization as an epigenetic mechanism**

9:30 pm                 Party

## **FRIDAY**

7:30 am - 8:30 am     Breakfast

9:00 am                 Depart

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## Epigenetics (2009)

Name	Organization	Participation	Status
ADKINS, RONALD M	UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER	Poster Presenter	Registered
ANEST, VASILIKI	LIFE TECHNOLOGIES	Poster Presenter	Registered
ANTAO, JOSE	MASSACHUSETTS GENERAL HOSPITAL	Poster Presenter	Registered
BARBASH, DANIEL A	CORNELL UNIVERSITY	Poster Presenter	Registered
BARLOW, DENISE P	RESEARCH CENTER FOR MOLECULAR MEDICINE (CEMM)	Discussion Leader	Registered
BARTOLOMEI, MARISA S	UNIVERSITY OF PENNSYLVANIA SCHOOL OF MEDICINE	Vice Chair	Registered
BATEMAN, JACK R	BOWDOIN COLLEGE	Poster Presenter	Registered
BAYLIN, STEPHEN B	JOHNS HOPKINS UNIVERSITY	Speaker	Registered
BECKER, PETER B	UNIVERSITY OF MUNCHEN	Discussion Leader	Registered
BENDER, JUDITH	BROWN UNIVERSITY	Discussion Leader	Registered
BENDER, WELCOME W	HARVARD MEDICAL SCHOOL	Poster Presenter	Registered
BERGER, FREDERIC	TEMASEK LIFE SCIENCES LABORATORY	Poster Presenter	Registered
BERLETCH, JOEL B	UNIVERSITY OF WASHINGTON	Poster Presenter	Registered
BESSLER, JESSICA	STANFORD UNIVERSITY	Poster Presenter	Registered
BESTOR, TIMOTHY H	COLUMBIA UNIVERSITY	Speaker	Registered
BICKMORE, WENDY	MEDICAL RESEARCH COUNCIL	Speaker	Registered
BIRCHLER, JAMES A	UNIVERSITY OF MISSOURI	Speaker	Registered
BLOBEL, GERD	CHILDREN'S HOSPITAL OF PHILADELPHIA	Attendee	Registered
BONASIO, ROBERTO	HHMI/NYU SCHOOL OF MEDICINE	Attendee	Registered
BROBERG, KARIN E	LUND UNIVERSITY	Poster Presenter	Registered
BROWN, CAROLYN J	UNIVERSITY OF BRITISH COLUMBIA	Attendee	Registered
CAIRNS, BRADLEY	UNIVERSITY OF UTAH	Speaker	Registered
CARLES, CRISTEL C	CNRS -CENTRE IRD	Poster Presenter	Registered
CARREL, LAURA	PENN STATE COLLEGE OF MEDICINE	Poster Presenter	Registered
CARTER, ANTHONY D	NIH/NIGMS	Attendee	Registered
CEDAR, HOWARD	HEBREW UNIVERSITY-HADASSAH MEDICAL CTR	Discussion Leader	Registered
CHALKER, DOUGLAS L	WASHINGTON UNIVERSITY IN ST. LOUIS	Poster Presenter	Registered
CHAN, SIMON R	UC DAVIS	Poster Presenter	Registered
CHANDLER, VICKY L.	UNIVERSITY OF ARIZONA	Speaker	Registered
CHEDIN, FREDERIC L	UNIVERSITY OF CALIFORNIA	Poster Presenter	Registered
CHEN, JEFFREY	UNIVERSITY OF TEXAS AT AUSTIN	Speaker	Registered
CIPRIANY, BENJAMIN	CORNELL UNIVERSITY	Poster Presenter	Registered
COX, LAURA A	SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH	Poster Presenter	Registered
CREMER, THOMAS K	LUDWIG-MAXIMILIANS UNIV.	Discussion Leader	Registered
CREPALDI, LUCA	MRC LMCB - UNIVERSITY COLLEGE LONDON	Poster Presenter	Registered
CSANKOVSKI, GYORGYI	UNIVERSITY OF MICHIGAN	Poster Presenter	Registered
DALY, ERIN C	UNIVERSITY OF OTAGO	Poster Presenter	Registered
DE LA CASA ESPERON, ELENA	UNIVERSITY OF TEXAS ARLINGTON	Poster Presenter	Registered
DIAZ, MANUEL O	LOYOLA UNIVERSITY CHICAGO	Poster Presenter	Registered
DISTECHE, CHRISTINE M	UNIVERSITY OF WASHINGTON	Poster Presenter	Registered
DONOHUE, MARY	BURKE MED RESEARCH INSTITUTE/WEILL CORNELL	Poster Presenter	Registered
DULAC, CATHERINE	HARVARD UNIVERSITY	Speaker	Registered
EATON, SALLY A	MEDICAL RESEARCH COUNCIL	Poster Presenter	Registered

ELGIN, SARAH C R	WASHINGTON UNIVERSITY	Discussion Leader	Registered
ERHARD, KARL F	UNIVERSITY OF CALIFORNIA, BERKELEY	Poster Presenter	Registered
FAN, GUOPING	UNIVERSITY OF CALIFORNIA, LOS ANGELES	Poster Presenter	Registered
FEDORIW, ANDREW M	UNIVERSITY OF NORTH CAROLINA	Poster Presenter	Registered
FEIL, ROBERT P	CNRS	Discussion Leader	Registered
FERGUSON-SMITH, ANNE	UNIVERSITY OF CAMBRIDGE	Speaker	Registered
FESTENSTEIN, RICHARD J	IMPERIAL COLLEGE	Poster Presenter	Registered
FINNEGAN, JEAN	CSIRO, PLANT INDUSTRY	Discussion Leader	Registered
FLEETWOOD, MARGARET R	UNIVERSITY OF PENNSYLVANIA	Poster Presenter	Registered
FLINTOFT, LOUISA	NATURE REVIEWS GENETICS	Attendee	Registered
FRASER, PETER	BABRAHAM INSTITUTE	Speaker	Registered
FROST, JENNIFER M	UNIVERSITY COLLEGE LONDON	Poster Presenter	Registered
GASKELL, ELIZABETH	GENOME BIOLOGY	Attendee	Registered
GERLE, BORBALA	UNIVERISTY OF VIENNA	Poster Presenter	Registered
GEYER, PAMELA K	UNIVERSITY OF IOWA	Poster Presenter	Registered
GIMELBRANT, ALEXANDER A	DANA-FARBER CANCER INSTITUTE	Poster Presenter	Registered
GOLL, MARY G	CARNEGIE INSTITUTION FOR SCIENCE	Poster Presenter	Registered
GOODRICH, JAMES A	UNIVERSITY OF COLORADO AT BOULDER	Speaker	Registered
GRAVES, JENNY	AUSTRALIAN NATIONAL UNIVERSITY	Speaker	Registered
GRAVINA, SILVIA	ALBERT EINSTEIN COLLEGE OF MEDICINE	Poster Presenter	Registered
GREALLY, JOHN M	ALBERT EINSTEIN COLLEGE OF MEDICINE	Poster Presenter	Registered
GREGG, CHRISTOPHER T	HARVARD UNIVERSITY	Poster Presenter	Registered
GREWAL, SHIV	NATIONAL INSTITUTES OF HEALTH	Speaker	Registered
GRIMANELLI, DANIEL	IRD, PLANT GENOME AND DEVELOPMENT LABORATORY, UMR5	Speaker	Registered
GROSSNIKLAUS, UELI	UNIVERSITY OF ZURICH	Chair	Registered
HAJKOVA, PETRA	MRC CLINICAL SCIENCES CENTRE	Poster Presenter	Registered
HALL, SARAH E	BRANDEIS UNIVERSITY	Poster Presenter	Registered
HANSEN, R SCOTT	UNIVERSITY OF WASHINGTON	Poster Presenter	Registered
HENIKOFF, STEVEN	FRED HUTCHINSON CANCER RESEARCH CENTER	Speaker	Registered
HOUBEN, ANDREAS	LEIBNIZ INSTITUTE OF PLANT GENETICS	Speaker	Registered
HU, XIAOYI	THE SCRIPPS RESEARCH INSTITUTE	Poster Presenter	Registered
HUNT, PATRICIA A	WASHINGTON STATE UNIVERSITY	Speaker	Registered
HUPKES, MARLINDA M	RADBOUD UNIVERSITY NIJMEGEN	Poster Presenter	Registered
JACOBSEN, STEVEN E	UNIVERSITY OF CALIFORNIA, LOS ANGELES HHMI	Speaker	Registered
JAENISCH, RUDOLF	WHITEHEAD INST FOR BIOMEDICAL RESEARCH/MIT	Speaker	Registered
JALIGOT, ESTELLE	UMR DAP, CIRAD	Poster Presenter	Registered
JIA, LARRY (XI YU)	ZYMO RESEARCH CORP.	Attendee	Registered
KAKUTANI, TETSUJI	NATIONAL INSTITUTE OF GENETICS	Speaker	Registered
KATZ, DAVID	EMORY UNIVERSITY	Poster Presenter	Registered
KELLY, WILLIAM G	EMORY UNIVERSITY	Discussion Leader	Registered
KHURANA, JASPREET S	UNIVERSITY OF MASSCHUSETTS MEDICAL SCHOOL	Poster Presenter	Registered
KINOSHITA, TETSU	NARA INSTITUTE OF SCIENCE AND TECHNOLOGY	Poster Presenter	Registered
KLAR, AMAR J. S	NATIONAL CANCER INSTITUTE	Speaker	Registered
KOSEKI, HARUHIKO	RIKEN CENTER FOR ALLERGY AND IMMUNOLOGY	Poster Presenter	Registered
KOTTURI, PAUL	DIAGENODE INC	Attendee	Registered

KRIAUCIONIS, SKIRMANTAS	THE ROCKEFELLER UNIVERSITY	Poster Presenter	Registered
LAGET, SOPHIE M	CNRS UMR7216	Poster Presenter	Registered
LAWRENCE, JEANNE B	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL	Poster Presenter	Registered
LEE, JONG-SOO	AJOU UNIVERSITY	Poster Presenter	Registered
LEE, JEANNIE T	MASSACHUSETTS GENERAL HOSPITAL	Chair	Registered
LI, CONGJUN	ARS.USDA	Poster Presenter	Registered
LI, FEI	UNIVERSITY OF CALIFORNIA AT BERKELEY	Poster Presenter	Registered
LIN, SHAU-PING	NATIONAL TAIWAN UNIVER	Poster Presenter	Registered
LINDQUIST, SUSAN	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Speaker	Registered
LOEWER, SABINE	CHILDREN'S HOSPITAL BOSTON	Poster Presenter	Registered
MACK, THOMAS	KECK SCHOOL OF MEDICINE, USC	Poster Presenter	Registered
MAJOVSKI, ROBERT C	GENOME RESEARCH	Attendee	Registered
MANN, MELLISSA	CHRI/UWO	Poster Presenter	Registered
MARTIENSSSEN, ROBERT	COLD SPRING HARBOR LABORATORY	Speaker	Registered
MATZKE, MARJORI A	AUSTRIAN ACADEMY OF SCIENCES	Speaker	Registered
MCCARREY, JOHN R	UNIVERSITY OF TEXAS AT SAN ANTONIO	Poster Presenter	Registered
MCCOLE, RUTH B	KING'S COLLEGE LONDON	Poster Presenter	Registered
MCGINNIS, KAREN M	FLORIDA STATE UNIVERSITY/BIOLOGICAL SCIENCE	Poster Presenter	Registered
MCGOWAN, PATRICK O	MCGILL UNIVERSITY	Poster Presenter	Registered
MEYER, BARBARA J	HHMI AND UNIVERSITY OF CALIFORNIA, BERKELEY	Speaker	Registered
MICHELS, KARIN B.	HARVARD MEDICAL SCHOOL	Poster Presenter	Registered
MITTELSTEN SCHEID, ORTRUN	GREGOR MENDEL INSTITUTE OF MOLECULAR PLANT BIOLOGY	Speaker	Registered
MOAZED, DANESH	HARVARD MEDICAL SCHOOL	Speaker	Registered
MUOTRI, ALYSSON R	U.C. SAN DIEGO	Poster Presenter	Registered
MURRELL, ADELE M	CAMBRIDGE UNIVERSITY/ CANCER RESEARCH UK	Poster Presenter	Registered
NIEMITZ, EMILY L	NATURE PUBLISHING GROUP/ NATURE GENETICS	Attendee	Registered
O'NEILL, MICHAEL J	UNIVERSITY OF CONNECTICUT	Poster Presenter	Registered
OHATA, TATSUYA	RESEARCH INSTITUTE OF MOLECULAR PATHOLOGY (IMP)	Poster Presenter	Registered
PALMGREN, MICHAEL G	UNIVERSITY OF COPENHAGEN	Poster Presenter	Registered
PARO, RENATO	ETH ZURICH/D-BSSE	Speaker	Registered
PEMBREY, MARCUS	PICKETTS SOUTH	Speaker	Registered
PEREIRA, LYGIA V	UNIVERSIDADE DE SAO PAULO	Poster Presenter	Registered
PETRONIS, ART	CANADA CENTRE FOR ADDICTION AND MENTAL HEALTH	Poster Presenter	Registered
PFEIFER, GERD	BECKMAN RESEARCH INSTITUTE CITY OF HOPE	Poster Presenter	Registered
PIKAARD, CRAIG S	INDIANA UNIVERISTY	Vice Chair	Registered
PIRROTTA, VINCENZO	RUTGERS UNIVERSITY	Discussion Leader	Registered
PRADHAN, SRIHARSA	NEW ENGLAND BIOLABS, INC	Poster Presenter	Registered
REIK, WOLF	BABRAHAM INSTITUTE	Speaker	Registered
REYMOND, ALEXANDRE	UNIVERSITY OF LAUSANNE	Speaker	Registered
RICCIO, ANDREA	SECOND UNIVERSITY OF NAPLES	Poster Presenter	Registered
RICHARDS, ERIC J	BOYCE THOMPSON INSTITUTE	Discussion Leader	Registered
RIDDIHOUGH, GUY T	SCIENCE MAGAZINE	Attendee	Registered
RIDDLE, NICOLE C	WASHINGTON UNIVERSITY	Poster Presenter	Registered
RINE, JASPER D	UNIVERSITY OF CALIFORNIA, BERKELEY	Attendee	Registered
RUDEN, DOUGLAS	WAYNE STATE UNIVERSITY	Discussion Leader	Registered
RUTJENS, BAS PW	JOHN INNES CENTRE	Poster Presenter	Registered

SADO, TAKASHI	MEDICAL INSTITUTE OF BIOREGULATION, KYUSHU UNIV.	Poster Presenter	Registered
SASAKI, HIROYUKI	NATIONAL INSTITUTE OF GENETICS	Speaker	Registered
SCHNEIDERMAN, JONATHAN I	HARVARD MEDICAL SCHOOL	Attendee	Registered
SCHUBERT, DANIEL	HEINRICH-HEINE-UNIVERSITY DUESSELDORF	Poster Presenter	Registered
SELKER, ERIC U	UNIVERSITY OF OREGON	Speaker	Registered
SHIELDS, ROBERT	PLOS BIOLOGY	Attendee	Registered
SHIU, PATRICK	UNIVERSITY OF MISSOURI	Speaker	Registered
SOEN, YOAV	WEIZMANN INSTITUTE OF SCIENCE	Poster Presenter	Registered
SOLOWAY, PAUL D	CORNELL UNIVERSITY	Speaker	Registered
STAM, MAIKE E	UNIVERSITY OF AMSTERDAM	Poster Presenter	Registered
SZABO, PIROSKA E	CITY OF HOPE	Poster Presenter	Registered
SZULWACH, KEITH	EMORY UNIVERSITY	Poster Presenter	Registered
SZYF, MOSHE	MCGILL UNIVERSITY	Speaker	Registered
TAMARU, HISASHI	GREGOR MENDEL INSTITUTE	Poster Presenter	Registered
TEIXEIRA, FELIPE K	CNRS UMR 8186	Poster Presenter	Registered
TORRES-PADILLA, MARIA-ELENA	IGBMC	Poster Presenter	Registered
TURNER, JAMES M	MRC NATIONAL INSTITUTE FOR MEDICAL RESEARCH	Speaker	Registered
URA, KIYOE	OSAKA UNIVERSITY GRADUATE SCHOOL OF MEDICINE	Poster Presenter	Registered
VAKOC, CHRISTOPHER R	COLD SPRING HARBOR LABORATORY	Poster Presenter	Registered
WAINSTOCK, DAN	CELL PRESS	Attendee	Registered
WALTER, JORN E	SAARLAND UNIVERSITY	Poster Presenter	Registered
WANG, XIANGFENG	DANA FARBER CANCER INSTITUTE	Poster Presenter	Registered
WANG, YI-CHING	NATIONAL CHENG KUNG UNIVERSITY, TAIWAN	Poster Presenter	Registered
WEKSBERG, ROSANNA	THE HOSPITAL FOR SICK CHILDREN	Speaker	Registered
WHITELAW, EMMA	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH	Speaker	Registered
WICKNER, REED B	NIH	Speaker	Registered
WU, CHAO-TING	HARVARD MEDICAL SCHOOL	Speaker	Registered
XU, JUN	TUFTS UNIVERSITY	Poster Presenter	Registered
YAFFE, DAVID	WEIZMANN INST. OF SCIENCE	Attendee	Registered
ZHANG, LE	UNIVERSITY OF HONG KONG	Poster Presenter	Registered
ZHOU, ZHAOLAN (JOE)	UNIVERSITY OF PENNSYLVANIA	Poster Presenter	Registered
ZILBERMAN, DANIEL	UNIVERSITY OF CALIFORNIA, BERKELEY	Poster Presenter	Registered