ICG 2012 Americas

THE 1ST INTERNATIONAL CONFERENCE ON GENOMICS IN THE AMERICAS

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DATE: September 27 – 28, 2012
PLACE: Children's Hospital of Philadelphia (CHOP)

ICG Americas, modeled after BGI's acclaimed International Conferences on Genomics held annually in China since 2006, is coming to the U.S.!

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KEYNOTES

Eric D. Green – Director, NHGRI
George M. Church – Professor, Harvard Medical School

CO-CHAIRS

Huanming Yang – Chairman and Professor, BGI
Jun Wang – Executive Director, BGI
Hakon Hakonarson – CAG Director, CHOP

GENOMICS LEADERS FROM

Merck, Pfizer, Sanofi, GlaxoSmithKline, FDA, Mars Incorporated, Smithsonian, Harvard, UC Davis, and many more…

NGS Applications in:

- Drug Discovery and Development
- Disease Research
- Clinical Diagnostics
- Agricultural Breeding
- Evolution and Conservation

Latest Technologies in:

- Genomics
- Transcriptomics
- Epigenomics
- Metagenomics
- Proteomics
- Bioinformatics
- Single Cell Analysis

CONFERENCE HIGHLIGHTS

Lab Tours

Gourmet Dinner

Penn Museum

ICG Americas = Next-Gen Tech Apps + Genomics Luminaries + Networking Opportunities

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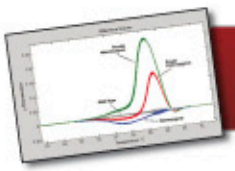

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HGV2012

13th International Meeting on Human Genome Variation and Complex Genome Analysis

The Royal International Hotel Shanghai, China

6th-8th September 2012

Abstract deadline extended to 15th June 2012

Scientific sessions include:

Beyond GWAS
Impact of 1,000 Genomes Project
Genome variation in complex diseases
Rare variations in neuropsychiatric and developmental disorders
New technologies
Challenges and Opportunities of large datasets
Therapeutic Targets Emerging from Genetic Variants in Common Networks

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http://www.hgvmeeting.org/

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Nutrition, Epigenetics and Human Disease

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Scientific Organizers: **Robert A. Waterland, David S. Rosenblatt** and **Patrick J. Stover**

Keynote Speaker:
Ezra S. Susser, Columbia University

Session Topics:
Nutrition and Epigenetics in Development and Disease of the CNS • Nutrient Regulation of the Epigenetic Machinery • Nutrition and Epigenetics in Obesity • Nutrient, Methyl Metabolism and Epigenetic Interactions • Nutrition and Developmental Epigenetics in the Endocrine Pancreas • Nutrients and Allelic Targeting of Epigenetic Signatures • Nutritional Modulation of Stem Cell Programming • Present and Future: Pressing Issues in Environmental Epigenetics

Abstract & Scholarship Deadline: October 17, 2012 / **Early Registration Deadline:** December 17, 2012
www.keystonesymposia.org/13B5

Genomic Instability and DNA Repair

joint with **DNA Replication, Recombination and DNA Repair**
March 3–8, 2013 • Fairmont Banff Springs • Banff, Alberta • Canada
Scientific Organizers: **Stephen P. Jackson, Alan D. D'Andrea** and **Susan M. Gasser**

Keynote Speakers:
Frederick W. Alt, HHMI/Children's Hospital Boston and Immune Disease Institute
Kenneth J. Marians, Memorial Sloan-Kettering Cancer Center

Session Topics:
Mechanisms and Control of DNA Repair/Mechanisms of Homologous Recombination • Chromosomal Stability, Instability and Nuclear Architecture • Controlling DNA Damage Responses by Ubiquitylation and Sumoylation • Replication, Chromatin and Genome Instability • Genome Instability, Telomeres, Disease and Aging • DNA Damage and Links to Transcription, RNA Metabolism and Other Processes • Genomic and Genome-Wide Studies • Diagnostic and Therapeutic Applications

Abstract & Scholarship Deadline: November 7, 2012 / **Early Registration Deadline:** January 7, 2013
www.keystonesymposia.org/13X6

Human Genomics and Personalized Medicine

June 17–21, 2013 • Clarion Hotel Sign • Stockholm • Sweden
Organized in collaboration with the Knut and Alice Wallenberg Foundation and Science for Life Laboratory – Stockholm
Scientific Organizers: **Kelly A. Frazer** and **Geoffrey S. Ginsburg**

Keynote Speaker:
John Bell, University of Oxford

Session Topics:
Breakthroughs in Genomic and Personalized Medicine • Genomes and Biology • Cancer Genomics and Applications • Advances and Challenges in the Field • Pharmacogenomics • Personalized Genomes • Policy • Translating Biomarkers to Personalized Medicine

Abstract & Scholarship Deadline: February 20, 2013 / **Early Registration Deadline:** April 16, 2013
www.keystonesymposia.org/13E3

Information shown is current as of May 7, 2012 but subject to change. Please visit the meeting web pages for the most current program information. And visit Keystone Symposia's website at www.keystonesymposia.org/meetings for details on more than 50 other conferences taking place in 2013.

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