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Announcing Keystone Symposia 2013 Meetings of Interest

Cardiovascular Genetics Beyond GWAS

January 13–18, 2013 | Tahoe City, California | USA

Scientific Organizers: Jennifer Hall and Stephen S. Rich

Keynote Speaker: Eric D. Green, National Human Genome Research Institute, NIH

Session Topics: • Breakthroughs in Sequencing and New Approaches in Applications • Integrating Brain and Heart • Genetics of Coronary Artery Disease • Structural Variation • State of the Art in Heart Failure (Bench to Bedside) • The Genetics of Arrhythmias • Breakthroughs in Genomics and Personalized Medicine • Difficulties in Going from Genotype to Phenotype

Early Registration Deadline: November 12, 2012

(Contact our office to submit an abstract.)

www.keystonesymposia.org/13A2

Genomic Instability and DNA Repair joint with DNA Replication and Recombination

March 3–8, 2013 | Banff, Alberta | Canada

Genomic Instability Scientific Organizers: Stephen P. Jackson, Alan D. D'Andrea and Susan M. Gasser

DNA Replication Scientific Organizers: James M. Berger, Wolf-Dietrich Heyer and Julia Promisel Cooper

Keynote Speakers:

Frederick J. 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 • Postreplication Repair/Restart • Controlling DNA Damage Responses by Ubiquitylation and Sumoylation • Replication Initiation Strategies across Species • Replication, Chromatin and Genome Instability • Genome Instability, Telomeres, Disease and Aging • Genome Structure and Maintenance • DNA Damage and Links to Transcription, RNA Metabolism and Other Processes • Topological Transformations in DNA • Genomic and Genome-Wide Studies • Replication Elongation Machineries • Diagnostic and Therapeutic Applications • Replicating Challenging Regions*

Early Abstract & Scholarship Deadline: November 7, 2012

Early Registration Deadline: January 7, 2013

www.keystonesymposia.org/13X6

www.keystonesymposia.org/13X5

Nutrition, Epigenetics and Human Disease

February 19–24, 2013 | Santa Fe, New Mexico | USA

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*

Early Registration Deadline: December 17, 2012

www.keystonesymposia.org/13B5

Epigenetic Marks and Cancer Drugs

March 20–25, 2013 | Santa Fe, New Mexico | USA

Scientific Organizers: Ali Shilatifard

Keynote Speaker: Stuart Schreiber, Harvard University

Session Topics:

Chromosomes, Chromatin and Transcription • Polycomb and Trithorax in Gene Expression and Cancer • Histone Marks in Development and Cancer • DNA Methylation in Development and Cancer • Enhancers and ncRNAs in Development and Cancer • Myc, Transcriptional Regulation and Development • Transcription, Chromatin and Epigenetics in Cancer Therapy

Early Abstract & Scholarship Deadline: November 19, 2012

Early Registration Deadline: January 22, 2013

www.keystonesymposia.org/13C8

Human Genomics and Personalized Medicine

June 17–21, 2013 | 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

Early Abstract & Scholarship Deadline: February 20, 2013

Early Registration Deadline: April 16, 2013

www.keystonesymposia.org/13E3

Information shown is current as of October 4, 2012 but subject to change. Please visit the meeting web pages for impending deadlines and 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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