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THE MIAMI 2009 WINTER SYMPOSIUM

Interpreting the Human Genome

The human genome has hidden levels of regulatory complexity and variability that have begun to reveal themselves since the initial sequence became available in 2001. Today, with increasingly powerful sequencing and analysis technologies, we are not only beginning to appreciate the scale of variation in individual human genome sequences, but also gaining a greater understanding of how genome differences relate to human evolution and disease. This meeting will showcase these advances in our understanding of human genome regulation and variability as well as the potential of new technologies to drive the advancement of knowledge.

January 24-28, 2009
Deauville Beach Resort
Miami Beach, FL, USA

SESSION TOPICS

Beyond the Sequence
Genome Variation
Genome Variation and Disease
Genome-wide Associations and Disease
Emerging Technologies for Human Genome Studies
Toward Therapy

SYMPOSIUM AWARDEES

Feodor Lynen Lecture:

Svante Pääbo (Max Planck Institute for Evolutionary Anthropology, Germany)

Distinguished Service Award:

J. Craig Venter (J. Craig Venter Institute, USA)

Special Achievement Award:

George M. Church (Harvard Medical School, USA)

SPEAKERS

Donna Albertson (University of California - San Francisco, USA)

David Bentley (Illumina Inc., UK / USA)

Andrew G. Clark (Cornell University, USA)

Evan Eichler (University of Washington, USA)

Andrew Feinberg (Johns Hopkins School of Medicine, USA)

Richard Gibbs (Baylor College of Medicine, USA)

Tom Gingeras (Affymetrix/CSL, USA)

Jonathan Haines (Vanderbilt University, USA)

James R. Lupski (Baylor College of Medicine, USA)

John Mattick (The University of Queensland, Australia)

Mark I. McCarthy (The Oxford Centre for Diabetes, Endocrinology and Metabolism, UK)

Patrice Milos (Helicos Biosciences Corporation, USA)

Margaret Pericak-Vance (University of Miami Miller School of Medicine, USA)

David Porteous (University of Edinburgh, UK)

Allen Roses (Duke University, USA)

Stephen Scherer (The Hospital for Sick Children/ University of Toronto, Canada)

Eric Topol (Scripps Clinic, USA)

Michael Wigler (Cold Spring Harbor Laboratory, USA)

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