

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Epigenetic Programming and Inheritance (D2)

April 6-10, 2014 • Joseph B. Martin Conference Center • Boston, MA, USA

Scientific Organizers: Joseph H. Nadeau, Marisa S. Bartolomei, Peter Gluckman and Wolf Reik

Supported by the Directors' Fund

Abstract & Scholarship Deadline: December 5, 2013 / Abstract Deadline: January 14, 2014 / Discounted Registration Deadline: February 4, 2014

SUNDAY, APRIL 6

MONDAY, APRIL 7

Epigenetic and Epigenomic Mechanisms I

Wolf Reik, Babraham Institute, UK
Epigenetic Mechanisms

John A. Stamatoyannopoulos, University of Washington, USA
Epigenetics and GWAS

Alexander Meissner, Harvard University, Broad Institute, USA
Genome-wide DNA Methylation

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Epigenetic and Epigenomic Mechanisms II

Bradley R. Cairns, HHMI/University of Utah, USA
Epigenetic Remodeling During Gametogenesis and Early Embryogenesis in the Zebrafish

Mitunori Saitou, Kyoto University, Japan
Mechanism and Reconstitution in vitro of Epigenetic Reprogramming in the Germ Cell Lineage in Mice

Speaker to be Announced

Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, APRIL 8

Transgenerational Inheritance and Imprinting I

Marisa S. Bartolomei, University of Pennsylvania Perelman School of Medicine, USA
Parental Origin Effects in Mouse

Anne C. Ferguson-Smith, University of Cambridge, UK
Genomic Imprinting

Gavin D. Kelsey, Babraham Institute, UK
Methylation Establishment in the Germline

Anne Brunet, Stanford University, USA
Transgenerational Inheritance of Longevity

Short Talk(s) Chosen from Abstracts

Transgenerational Inheritance and Imprinting II

Oliver J. Rando, University of Massachusetts Medical School, USA
Paternal Effects on Gene Regulation in Mammals

Ueli Grossniklaus, University of Zürich, Switzerland
Maternal Effects in Plants

Joseph H. Nadeau, Pacific Northwest Research Institute, USA
Heritable Epigenetic Changes

Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, APRIL 9

Developmental Origins and Epigenetic Epidemiology I

Peter Gluckman, University of Auckland, New Zealand
Epigenetic Epidemiology

Caroline Relton, Newcastle University, UK
Epigenetic Biomarkers and Causality in Complex Disease

Jonathan Mill, University of Exeter Medical School & King's College London, UK

Epigenetic Trajectories to Neuropsychiatric Disease

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Developmental Origins and Epigenetic Epidemiology II

Terrence Forrester, University of the West Indies, Jamaica
Epigenetics of Malnutrition

Cheryl L. Walker, Texas A&M Health Science Center, USA
Developmental (re)Programming by Endocrine Disruptors: Environmental Cross-talk with the Epigenetic Machinery

Speaker to be Announced

Short Talk Chosen from Abstracts

THURSDAY, APRIL 10