

Workshops Current trends in Biomedicine 2011



Frontiers in Epigenomics



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Internacional
de Andalucía**

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Scope

The past few years have witnessed the birth of entirely new biomedical research fields, including epigenomics, human genome-wide association studies, and non-coding RNA biology. There has also been an unprecedented rate of progress in our understanding of genome regulatory mechanisms. At the same time, genetic and functional studies of common human diseases suggest that epigenetic regulation plays a key role in the underlying mechanisms. However, much remains to be accomplished to take full advantage of recent biological advances and link them to disease processes. The purpose of this workshop is to bring together leading investigators working in fields as diverse as human genetics, mechanisms of disease, epigenetics, genome biology, and regulatory mechanisms, and thus foster new ideas to progress in our understanding of genome regulation and disease.

Format of the Workshop

The workshop will bring together 17 speakers and a maximum of 33-35 participants, to form a group of around 50 people. The scientific programme will start in the morning of Monday, October 17th, and will end around noon on Wednesday, October 19th. Ample time for informal discussion will be reserved. Participants will be invited to present a poster.

Venue of the Workshop

The workshop will be held in Baeza, at the "Sede Antonio Machado", a XVII century building turned into a Conference Centre of the Universidad Internacional de Andalucía (UNIA). This Seat includes a recently restored residence, where participants will be accommodated. Baeza is a World Historic Heritage town, renowned for its Renaissance and Gothic buildings.

Organized by:

Jorge Ferrer
Institut d'Investigacions Biomèdiques August Pi i Sunyer, Hospital Clínic de Barcelona.
Barcelona, Spain.

Klaus H. Kaestner
University of Pennsylvania School of Medicine.
Philadelphia, USA.

Speakers

Alan D. Attie. Department of Biochemistry, University of Wisconsin-Madison. Madison, WI, USA.

Yehudit Bergman. Department of Developmental Biology and Cancer Research, The Hebrew University Medical School. Jerusalem, Israel.

Ewan Birney. European Molecular Biology Laboratory-European Bioinformatics Institute. Hinxton, UK.

Emmanouil T. Dermitzakis. Department of Genetic Medicine and Development, University of Geneva Medical School. Geneva, Switzerland.

Manel Esteller. Cancer Epigenetics Group, Cancer Epigenetics and Biology Program (PEBC), Bellvitge Institute for Biomedical Research (IDIBELL) / ICREA. Barcelona, Spain.

Jorge Ferrer. Genomic Programming of Beta Cells Laboratory, Institut d'Investigacions Biomèdiques August Pi i Sunyer / Endocrinology Department, Hospital Clínic de Barcelona. Barcelona, Spain.

José Luis Gómez-Skarmeta. Centro Andaluz de Biología del Desarrollo (CABD), CSIC-Universidad Pablo de Olavide. Sevilla, Spain.

Peter Fraser. Laboratory of Chromatin and Gene Expression, The Babraham Institute. Cambridge, UK.

Roderic Guigó. Bioinformatics and Genomics Group, Centre for Genomic Regulation (CRG) and Universitat Pompeu Fabra. Barcelona, Spain.

Klaus H. Kaestner. Department of Genetics, University of Pennsylvania School of Medicine. Philadelphia, PA, USA.

Alberto R. Kornblihtt. Departamento de Fisiología, Biología Molecular y Celular, LFBM and IFIBYNE-CONICET, Facultad de Ciencias Exactas Naturales, Universidad de Buenos Aires. Buenos Aires, Argentina.

Jason D. Lieb. Department of Biology, Carolina Center for Genome Sciences and Lineberger Comprehensive Cancer Center, University of North Carolina. Chapel Hill, NC, USA.

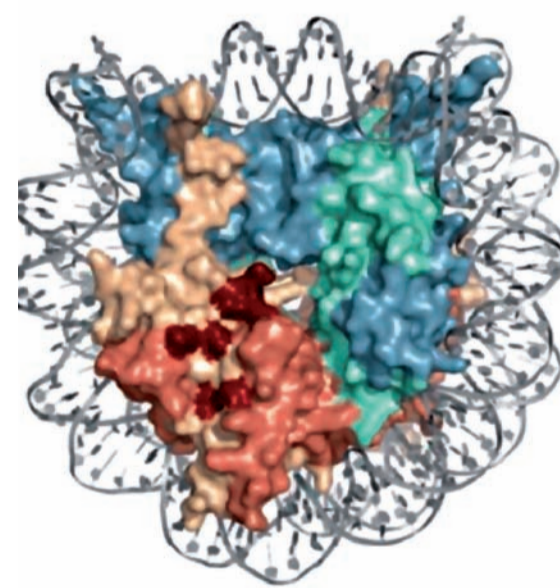
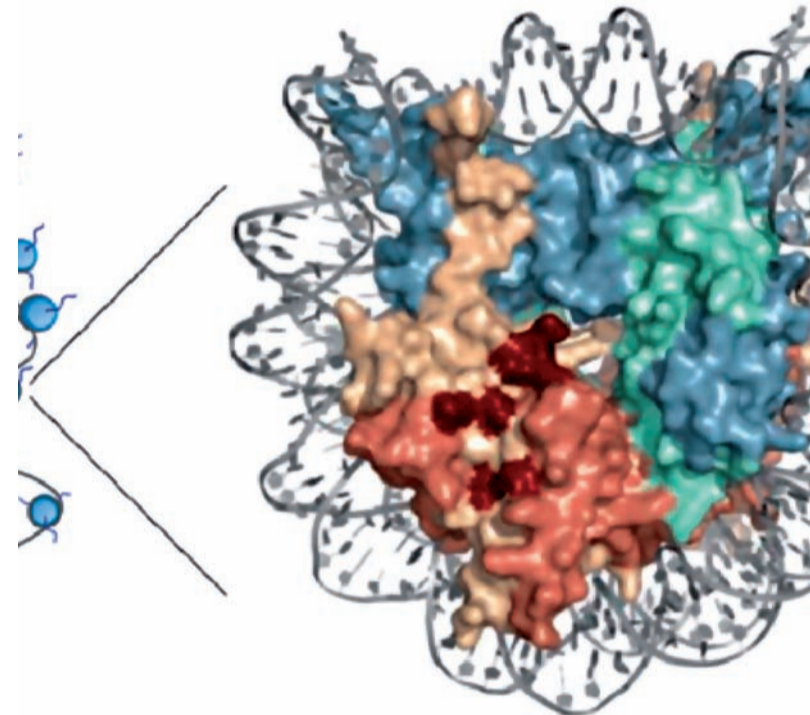
Mark I. McCarthy. Wellcome Trust Centre for Human Genetics, Oxford Centre for Diabetes, Endocrinology and Metabolism, University of Oxford. Oxford, UK.

Bing Ren. Ludwig Institute for Cancer Research, Department of Cellular and Molecular Medicine, University of California San Diego School of Medicine. La Jolla, CA, USA.

John L. Rinn. The Broad Institute of MIT and Harvard / Department of Stem Cell and Regenerative Biology, Harvard University. Cambridge, MA, USA.

Dirk Schübeler. Friedrich Miescher Institute for Biomedical Research. Basel, Switzerland.

Michael Snyder. Department of Genetics, Stanford University School of Medicine and Stanford Center for Genomics and Personalized Medicine. Stanford, CA, USA.



Baeza, Spain
• 17th-19th October
2011

Deadline:
22nd July 2011

Venue:

Sede Antonio Machado
Universidad Internacional de Andalucía
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**More information and
application:**

<http://www.unia.es/biomedicine>