



ISAG Conference 2008, Amsterdam, The Netherlands

Domestic Animal Epigenetics Workshop

Chairs: **Hasan Khatib**, Dept of Dairy Science, University of Wisconsin, Madison, USA.
Ikhide Imumorin, Dept of Biology, Spelman College, Atlanta, USA.
(Dr. Imumorin did not attend the meeting because of personal issues).

Over 100 people attended the workshop.

The program was as follows:

Chromatin Remodeling in Porcine Embryos

R.A. Cabot, Purdue University, West Lafayette, USA

Epigenomic Characterization of Cloned Cattle

A. Eggen, INRA, France

The Mouse H19ICR: DNA Methylation and Beyond

C. Gebert, NIH-NICHD, Bethesda, MD, USA

Imprinted Genes in Bovine Embryo-Fetal Development

S. Hiendleder, U of Adelaide, Adelaide, Australia.

Dosage compensation of imprinted genes

H. Khatib, University of Wisconsin, Madison, USA.

Epigenetic Regulation of Short Chain Fatty Acids in Ruminants

C-J. Li, USDA-ARS, Beltsville, MD, USA.

Epigenetic Case Studies in Agricultural Animals

G. Liu, USDA-ARS, Beltsville, MD, USA.

Molecular Characterization of M16iX Myostatin in Mouse

J.M. Reecy, Iowa State University, Ames, USA.

Interaction of H19 and IGF2 on Carcass Traits in Beef Cattle

S.M. Schmutz, U of Saskatchewan, Saskatoon, Canada.

MicroRNA-26a Targets Histone Methyltransferase Enhancer of Zeste homolog 2 during Myogenesis

R. Tellam, CSIRO Livestock Industries, Australia.

Feedback

To many attendees, the epigenetics workshop was successful as shown by the large number of people who attended and by the responses we received after the meeting. There was a suggestion to elect a 4-5 people to serve in a committee of the workshop. Also, in the next workshop, we will allow more time for discussions which is a general issue for all workshops of ISAG.