

US – EC workshop on the future of livestock genomics

17 – 18 July 2006

DG RESEARCH
Room CDMA-2
Rue du Champs de Mars 21
Brussels

AGENDA

Monday 17 July 2006

09:15 *Welcome and introduction*

Christian Patermann, Director of Biotechnology, Agriculture and Food research, European Commission, Brussels

09:30 *The potential of genomics technologies*

Michel Georges, University of Liege, Belgium

10:30 *Coffee*

11:00 *The state-of-the-art*

11:00 *Overview*

Jim Womack, Texas A&M, Texas

11:30 *Livestock genomics architectures*

Gary Rohrer, USDA/ARS, U.S. Meat Animal Research Center, Nebraska

12:00 *Livestock genomics: lessons from comparative genomics*

Martien Groenen, Wageningen University, Netherlands

12:30 *Functional genomics – So much variation from a few thousand genes*

Daniel Pomp, University of North Carolina Medical School, Chapel Hill, North Carolina

13:00 *Lunch*

14:30 *Dissecting the genetics of complex traits*

Jerry Taylor, University of Missouri, Columbia, Missouri

15:00 *Epigenetics*

Jean-Paul Renard, INRA, Jouy-en-Josas, France

15:30 Use of genomics information in selection

Curt van Tassell, USDA-ARS Bovine Functional Genomics Laboratory, Beltsville, Maryland, response by Theo Meuwissen, Agricultural University of Norway, Ås, Norway

16:00 Tea

16:30 Genomics of host-pathogen interactions

General aspects: Marie-Hélène Pinard, INRA, Jouy-en-Josas, France

Mycobacterium and cattle: Paul Coussens, Michigan State University, Michigan

17:30 Engineering change – genetic modification

Heiner Niemann, FAL, Mariensee, Germany;

response by Bob Wall, USDA-ARS Biotechnology and Germplasm Laboratory, Beltsville, Maryland

18:00 Close meeting day 1

20:00 Dinner

Tuesday 18 July

09:00 Society and ethics

09:00 Animal Cloning and Genetic Modification: a Prospective Study Ilias Papatryfon, JRC, Seville, Spain

09:30 The views of society on the medical and agrifood uses of animal livestock biotechnology

US Alison Van Eenennaam, University of California, Davis, California

EU Lynn Frewer, Wageningen University, Netherlands

10:30 Coffee

11:00 Lessons from the agronomy biotech industry Simon Barber, EUROPABIO, Brussels Belgium

11:30 The way forward – opportunities for transatlantic cooperation

11:30 Summary of the state-of-the-art of developments in genomics technologies as applied to livestock production: review of the discussions so far Ronnie Green, USDA, Washington

12:30 Lunch

14:00 *The way forward – opportunities for transatlantic cooperation*
(continued)

14:00 Discussion: where we go from here Moderator, Chris Warkup,
Genesis Faraday and Peter Burfening USDA, Washington DC

15:30 *Tea*

16:00 Workshop recommendations Chris Warkup, Genesis Faraday and
Ronnie Green, USDA

17:00 *Close*

All participants are requested to fully participate in the meeting. Please feel free to raise points of special interest in response to each talk as well as in the discussion sessions.