



ISAG
CONFERENCE 2014, Xi'an, China

<p>Domestic Animal Epigenetics</p>

STANDING COMMITTEES / WORKSHOPS Information will be posted online

Organised by a standing committee **yes**

Date and meeting time: July 31st, 2014 from 2:00 pm to 5:00 pm

Chair, name and contact email: Chair: Hasan Khatib; e-mail: hkhatib@wisc.edu

Agenda / programme attached

1. Introduction, Hasan Khatib
2. Epigenome-Wide Association Studies and methylome profiling: lessons from human studies, Peter Molloy
3. Epigenetics Modifications in Host-Virus Interaction, Jiuzhou Song
4. Transcriptome wide investigation of parent-of-origin expressed genes in mule (horse x donkey) by next-generation semiconductor-based sequencing, Francesca Bertolini
5. Searching for an epigenetic cause of sheep muscle hypertrophy, Christine Couldrey
6. High definition epigenomic mapping and transcriptome analysis of butyrate-induced epigenomic landscape modification and dynamic genomic activities, Congjun Li
7. Business meeting: election of Domestic Animal Epigenetics Committee

Number of participants at meeting: 200-230

Summary of the meeting including votes, decisions taken and plans for future conferences

The workshop included five invited presentations and an introduction to cover a broad representation of epigenetics topics, species, and institutions. Due to the support of ISAG 2014, a keynote speaker (Dr. Peter Molloy) was invited for a 45 minutes presentation on the Epigenome-Wide Association Studies (EWAS) in humans and their possible applications in livestock. Dr. Molloy discussed the different epigenetic tools and methodologies available for researchers in animal epigenetics fields. The workshop was attended by 200-230 participants. Following the workshop, a business meeting was held and 5 members were nominated from the floor and

elected as members of the Domestic Animal Epigenetics Committee for 2-years term. Members of the committee will be responsible for organizing the next Epigenetics workshop.

Committee members (the new committee)

Chair	term of service	E mail address:
Hasan Khatib	2014-2016	hkhatib@wisc.edu
Other members		
Jiuzhou Song	2014-2016	songj88@umd.edu
Congjun LI	2014-2016	Congjun.Li@ARS.USDA.GOV
Christine Couldrey	2014-2016	Christine.Couldrey@agresearch.co.nz
Luca Fontanesi	2014-2016	luca.fontanesi@unibo.it

COMPARISON TEST (2013-2014)

no