



ISAG CONFERENCE 2012, Cairns, Australia

Livestock genomics for developing countries
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STANDING COMMITTEES / WORKSHOPS Information will be posted online

Organised by a standing committee no

Date and meeting time: Thursday 19th July 2:00pm

Chair, name and contact email: Wayne Pitchford, School of Animal and Veterinary Sciences, University of Adelaide, SA 5371 Australia wayne.pitchford@adelaide.edu.au

Agenda / programme

1. Heather Burrow: Value of beef CRC genomics research for developing countries (60 mins)
2. Max Rothschild: Consideration of genomic solutions to food security in the developing world (30 mins)
3. Rashedul Hoque: Discrimination of Korean native chicken lines using fifteen microsatellite markers (20 mins)
4. Kwan-Suk Kim: CHaracterisation and exploitation of the unique genomes and adaptations of Ethiopian cattle to changing environments (20 mins)
5. Brian Sayre: Goat improvement in Africa: Genomic tool development and application in a Feed the Future project. (20 mins)
6. Discussion about limitations and issues related to use of genomics in developing countries (including John Gibson's plenary talk) (20 mins)
7. Business meeting (10 mins) (approx 25 people remaining)

Number of participants at meeting: 65

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

1. Unanimous support for continuing a developing country workshop
2. Plan to work toward becoming a formal standing committee
3. FAO may be able to support getting people to future conferences, although they will likely be supporting WCGALP in 2014
4. Need to carefully carve a niche relative to other workshops like FAO Diversity and other conferences (WGALP)
5. There was discussion about the importance of setting standards for diversity studies, but this is likely to be covered by the diversity standing committee.

6. A key role for this committee is to recommend methods for in-country training and capacity building. The USAID/Feed the Future Goat Project is an ideal one to develop a model of genomics work including capacity building.
7. At this stage it is premature to develop standards for GWAS studies in developing countries.
8. Request for 3 nominations for committee and to be led by people from developing countries. Have 7 offers which is outstanding

Committee members

1. Ntanganedzeni Olivia Mapholi, Researcher, Animal Breeding and Genetics, Agricultural Research Council, Irene Pretoria, South Africa, ntanga@arc.agric.za (CHAIR – next 2 years)
2. Farai C Muchadeyi, Senior Researcher, Biotechnology Platform, Agricultural Research Council, 100 Old Soutpan Rd, Ondersteport 0110, South Africa, muchadeyif@arc.agric.za
3. Kwan-Suk Kim, Dept Animal Science, Chungbuk National University, 52 Naesudong-ro, Cheongju Chungbuk 361-763, South Korea kwanskim@chungbuk.ac.kr
4. Laercio Porto Neto (Juca), Postdoctoral Scientist, Animal Genetics Laboratory, The University of Queensland, QLD 4345 Australia, l.portoneto@uq.edu.au
5. Paul Boettcher, Animal Production Officer, FAO, Vaile delle Terme di Caracalla 00153 Rome paul.boettcher@fao.org
6. Brian Sayre, Dept Biology, Virginia State University, Box 9064, Petersburg VA 23830 USA BSayre@vsu.edu
7. Heather Burrow, CSIRO, UNE Armidale NSW 2351, Australia heather.burrow@une.edu.au

Personal comment from 2012 Chairman: The support and enthusiasm for the workshop exceeded expectations. I am delighted the committee is in good hands which will ensure this is an area of focus for future ISAG conferences.