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| Ruminant Genetics and Genomics |
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Organised by a standing committee **yes**

Date and meeting time: Monday July 25th 8:30 am – 12:00 noon

Chair: James Kijas. Contact: James.Kijas@csiro.au

Number of participants at meeting: 80 - 120

Workshop Program

| Time | Author name | Presentation topic | Abstract |
|---------------------|----------------------|--|----------------------|
| 8:30 – 8:45 | Worley | Sheep reference genome sequence updates: Texel improvements and Rambouillet progress. | P1009 |
| 8:45 – 9:00 | Beiki | Large-scale gene co-expression network as a source of functional annotation for bovine genes | P3040 |
| 9:00 – 9:15 | Chamberlain | The extent of cis-regulation of gene expression and its influence on complex trait variation in cattle | P3003 |
| 9:15 – 9:30 | Porto-Neto | The effect of selection over years on breed composition in tropical composite cattle | P5060 |
| 9:30 – 10:00 | Naval Sanchez | Changing patterns of genomic variability following domestication of sheep | Invited S0125 |
| | | Break | |
| 10:30 – 10:45 | Wilkinson | Host genetics of resistance to bovine tuberculosis infection in dairy cows | P6019 |
| 10:45 – 11:00 | Engle | Genome-wide association study for stayability measures in Nellore-Angus crossbred cows | P5056 |
| 11:00 – 11:15 | Coussé | Tackling the itch: GWAS-based candidate genes for psoroptic mange sensitivity in Belgian Blue cattle | P6038 |
| 11:15 – 11:30 | Lühken | Indel polymorphism in 3'-UTR of RXFP2 does not segregate with horns status in sheep breeds with a variable and/or sex-limited horns status | P5021 |

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| 11:30 – 11:45 | Wehrhahn | Holstein Friesian lethal haplotype 5 is caused by a 138kbp deletion on chromosome 9. C. Wehrhahn | P6024 |
| 11:45 – 12:00 | Heaton | Using diverse U.S. beef cattle genomes to identify missense mutations in EPAS1, a gene associated with high-altitude pulmonary hypertension | P6026 |

Notes

Speakers did an excellent job keeping to time, but the schedule meant only limited opportunities for audience questions. In general, having a higher number of short talks worked well and offered a diversity in science perspectives that was well received.

Business Meeting

Prior to the commencement of the program, the Chair indicated he was stepping down and encouraged participation in the business meeting to elect new members to the Standing Committee.

To commence the business meeting, the chair detailed the membership and status of the Standing Committee leading into the Salt Lake City meeting as follows:

2016 Salt Lake Committee

Chair: James Kijas (stepping down at 2016 meeting)

Committee Members:

Tad Sonstegard - term ends 2017

George Liu - term ends 2017

Magda Benevides - term ends 2016

A two-step process then followed which first sought nominations for two open positions on the committee, followed by election of a new Chair.

To identify new committee members, nominations were sought from the floor followed by rounds of voting. This identified a tie for the second slot, and the chair decided to proceed with both candidates. The result is election of three new committee members as detailed below.

A single nomination was received from the floor for the open position of Chair. The candidate received the unanimous support of the business meeting and was subsequently elected.

At the conclusion of the process, the new Standing Committee membership is as follows:

New Committee going forwards to 2017

Chair: Laercio Porto Neto (newly elected chair)

Laercio.Portoneto@csiro.au

Committee Members:

Tad Sonstegard - term ends 2017

Tad@recombinetics.com

George Liu - term ends 2017

george.liu@ars.usda.gov

Heather Huson (newly elected member)

hjh3@cornell.edu

Michelle Mousel (newly elected member)

Mousel@vetmed.wsu.edu

Shannon Clarke (newly elected member)

Shannon.Clarke@agresearch.co.nz

Workshop adjourned.

A handwritten signature in blue ink, appearing to read 'James Kijas', with a large, stylized flourish above the name.

Dr James Kijas
September 2016