



ISAG

CONFERENCE 2014, Xi'an, China

Horse Genetics and Genomics Workshop

STANDING COMMITTEES / WORKSHOPS Information will be posted online

Organised by a standing committee yes **no**

Date and meeting time: Monday, 28th of July, 2014; 2:00-5:00pm

Chair, name and contact email: Bianca Haase bianca.haase@sydney.edu.au

Agenda / programme attached **yes**

Number of participants at meeting: approximately 170

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

The program was as follows:

2:00pm	Bianca Haase	Welcome
2:02pm	Mohammad Bagher Zandi	Detecting selective sweeps using Equine 70k SNP array in two Iranian horse breeds
2:15pm	Adiljan Kader	Genomic scan of selection reveals candidates for genes associated with short stature in Chinese miniature horses
2:30pm	Ernest Bailey	Host response to equine virus are associated with alleles of CXCL16
2:45pm	Gus Cothran	Genetics of the curly hair trait of the horse
3:00-3:30pm		Coffee Break
3:30pm	Jinlong Huang	Genome sequences of Mongolian horse and Przewalski wild horses
3:45pm	Tomas Bergstrom	Characterization of the equine MHC ClassII region With next generation sequencing (NGS) methods
4:00pm	Bin Liu	High throughput physical mapping of the horse genomes using single molecule nanochannel arrays and its integration with the horse genome sequence assemblies

4:15pm	Ted Kalbfleisch	EquCab3 going forward
4:45pm	Bianca Haase	General Business Meeting, Election of new members for the standing committee

The workshop was very well attended.

The Standing Committee invited Ted Kalbfleisch as workshop keynote speaker. Due to some unforeseen circumstances Ted was not able to attend the conference in person but presented via Skype.

General announcements were followed by the election of two new members for the standing committee. According to the Guidelines of the Equine Genetics and Genomics Standing Committee two new members have to be elected at each ISAG conference to ensure adequate continuity of the Committee. Teruaki Tozaki had served on the committee for a 4-year term and was willing to serve for a second term in case of re-election. The call for new committee members identified Tomas Bergstrom (seconded by Ernie Bailey) as a potential second candidate. Workshop attendees unanimously elected both candidates for a 3-year term. The term is three years only as the conference cycle changes in 2016 from even to odd years.

Bianca Haase, Rebecca Bellone and Matthew Binns have been elected in 2012 and remain on the committee for another period of 2 years.

The workshop chair Bianca Haase has served as chair for 2 years and Rebecca Bellone will now assume this role.

The workshop was followed by a round table to discuss practical and logistical issues on improving the current horse genome and on how the community can help to realize this project. The discussion round was well attended. The type of datasets useful to improve the current horse genome assembly was discussed and a lot of support was offered from the community.

Committee members (the new committee)

<u>Chair</u>	term of service	E mail address:
Rebecca Bellone	2012-2016	rbellone@ucdavis.edu
<u>Co-Chair</u>		
Teruaki Tozaki	2014-2017	ttozaki@lrc.or.jp
<u>Other members</u>	term of service	E mail address:
Bianca Haase	2012-2016	bianca.haase@sydney.edu.au
Matthew Binns	2012-2016	mbinns@equineanalysis.com
Tomas Bergstrom	2014-2017	tomas.bergstrom@slu.se

Standing Committee on Equine Genetics and Genomics Committee Responsibilities, Officers, and Terms of Service

Approved by the Standing Committee: July 30th, 2012

I. Background

To make the operations of the standing committee transparent to all, this guideline will define the responsibilities of the committee as well as the terms of service. These guidelines can be amended by the members of the standing committee at any time by majority vote. In case the International Society of Animal Genetics (ISAG) implements general guidelines for all Standing Committees, these will replace the relevant sections of the committee guidelines.

II. Membership of the Committee

The primary responsibility of the Standing Committee is to organize and run the Equine Genetics and Genomics Workshop at the biennial conference of ISAG. This includes selection of speakers and scheduling the workshop agenda. It may also include providing advice and assistance to the ISAG organizing committee.

The committee will ideally provide broad range of expertise and career-stage diversity. In order to allow an efficient workflow the number of committee members should be limited to as few members as required to fulfil the Committee's duties. To ensure adequate continuity and to provide a continuing viability, committee members are elected for a four-year term of service with the opportunity for reappointment, with 2 members being elected at each ISAG meeting so that membership is staggered. Membership on the committee should be limited to two consecutive terms of service. Members must have at least a one term break before they are eligible to be reappointed.

Members of the committee will be nominated from the floor at the workshop. If more people are interested in serving, an election will be held at the workshop. Every workshop attendee is entitled to vote.

III. Chair of the Committee

The Chair of the Committee will be selected by the Standing Committee among its members. The Chair acts as a contact person with the Society, submits the workshop report to the ISAG Secretary, to coordinate the Committee's planning of the workshop and to moderate the workshop.

VI. Co-Chair of the Committee

The Co-Chair will be selected by the committee from among its members. The responsibility of the Co-Chair is to co-moderate the workshop and to serve as a secretary at the ISAG workshop and to assume the role of the Chair, if the Chair is unable to do so. After a two-year term the Co-Chair moves to the role of Chair.