



ISAG CONFERENCE 2012, Cairns, Australia

Comparative and Functional Genomics

STANDING COMMITTEES / WORKSHOPS Information will be posted online

Organised by a standing committee yes

Date and meeting time:

Chair, name and contact email: Klaus Wimmers, wimmers@fbn-dummerstorf.de

Agenda / programme attached

Number of participants at meeting: about 140

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

After a short introduction to the workshop by Klaus Wimmers there were four presentations (see agenda) dealing with global (in silico and experimental) approaches to identify and characterize transcripts and functional units of the genome. The latter were followed by three presentations reporting recent results focusing on the analysis of non-coding RNAs. The discussion section of the second part of the workshop was chaired by André Eggen. The final part of the workshop covered three presentations of studies focusing on transcriptome analysis in particular with regard to functional traits.

Business meeting:

In advance of the workshop Prof. Chris Tuggle informed the chair that he would like to resign from the committee. The standing committee “Comparative and Functional Genomics” expresses sincere thanks for the very skillful engagement of Prof. Tuggle in organising and chairing interesting workshops during the past ISAG conferences and for promoting the “Comparative Genomics” workshop to become the “Comparative and Functional Genomics” workshop.

Members of the standing committee were confirmed and Dr. Fiona McCarthy was elected as new member of the standing committee.

The standing committee proposed to work out guidelines for “Comparative and Functional Genomics” detailing committee responsibilities, officers, and terms of service. These will be discussed at the next workshop to be planned for the ISAG conference in 2014.

Committee members

Chair Klaus Wimmers term of service: 2008 - 2016

E mail address: wimmers@fbn-dummerstorf.de

Other members

André Eggen term of service: 2006-2014

George Liu term of service: 2008 - 2016

F. Abel Ponce de León term of service: 2006- 2014

Shuhong Zhao term of service: 2008 - 2016

Fiona McCarthy term of service: 2012 - 2016

Thursday afternoon, July 19th: Workshop Session #4 (2 pm – 5:30 pm) continued ~

Comparative & Functional Genomics Workshop (Chair: Klaus Wimmers)

Time	Speaker	Presentation title	Abstract
2:00 pm	Klaus Wimmers	Welcome and opening remarks	
2:05 pm	Fiona McCarthy	Enabling functional and comparative analysis of genomic data sets for agriculture	P2039
2:20 pm	Morris Soller	Constrained GERP elements and the annotated bovine genome	P1032
2:35 pm	David Hume	A Gene Expression Atlas of the Domestic Pig	P2023
2:50 pm	George Liu	Fine mapping of copy number variations on two cattle genome assemblies using high density SNP array	P6007
3:05 pm	Fenge Li	Discovery of potential piRNAs from next generation sequences of the sexually mature porcine testes	P2029
3:20 pm	Yizhou Chen	Profiling bovine liver microRNA by deep sequencing	P2010
3:35 pm	AFTERNOON TEA		
4:05 pm	Xinyun Li	Identification of NF- κ B transcription factor binding sites in promoters of miRNA genes in C2C12 myoblast	P6010
4:20 pm	Lelou Guan	Developing biomarkers for bovine health using whole blood transcriptome profiling	P2048
4:35 pm	Núria Mach	The peripheral blood transcriptome dynamically reflects immunocompetence in swine	P2038
4:50 pm	Klaus Wimmers	Genome-wide expression and association analyses to identify genes either affecting or responding to plasma cortisol in pigs	P2063
5:05 pm		Business meeting	
5:30 pm		Close	