



CONFERENCE 2017, Dublin, Ireland

Title of Workshop

STANDING COMMITTEES / WORKSHOPS

Information will be posted online

Organised by a standing committee

yes

no

Date and meeting time: Tuesday 18 July 2017 (14:30 – 18:30)

Chair, name and contact email:

Chair: Kyle Schachtschneider (kschach2@uic.edu) and Romi Pena (romi.pena@ca.udl.cat)

Presentations and discussion led by: Kyle Schachtschneider and Romi Pena

Agenda / programme: see page 2

Number of participants at meeting: 50

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

The Committee chairs (K. Schachtschneider, and R. Pena) organized the workshop in collaboration with the other standing committee members (J-H. Lee, E Giuffra). Speakers selection and presenting order was agreed upon by all committee members. In addition, efforts were made to contact ISAG members to identify individuals interested in joining the standing committee.

The first half of the workshop was led by R. Pena and the second half including the business meeting and elections was conducted by K. Schachtschneider.

Business Meeting: In previous years, the pig comparison test was presented as part of the Pig Genetics and Genomics Workshop. However, at the 2012 ISAG conference it was proposed that the pig comparison test be presented separately from the Pig Genetics and Genomics Workshop. This year the pig comparison test was presented in the Applied Genetics and Genomics in Other Species of Economic Interest Workshop. During the business meeting workshop participants voted on and approved a motion to continue to present the pig comparison test in the Applied Genetics and Genomics in Other Species of Economic Interest Workshop moving forward. This was also proposed and approved during the Applied Genetics and Genomics in Other Species of Economic Interest Workshop business meeting.

Elections: In 2016 the committee agreed to extend E. Giuffra and J-H. Lee's standing committee membership for an additional 1-year term. During the business meeting the workshop participants voted on and approved the extension of E. Giuffra's standing committee membership for an additional 2 years to include the next ISAG conference (2019). In addition, the workshop

participants also voted on and approved the extension of K. Schachtschneider and R. Pena's standing committee membership for an additional 4-years to include the next 2 ISAG conferences, finishing their commitment in 2021. J-H. Lee's membership was allowed to expire, and he is therefore no longer a member of the Pig Genetics and Genomics Workshop standing committee.

In addition, two new standing committee candidates were elected by the members of the workshop: Andreia Amaral, from the University of Lisbon, Portugal; and Amanda Warr from the Roslin Institute, UK. Both were elected to serve 4 year terms.

All the current members of the standing committee will work with the co-chairs to organize the workshop for the ISAG 2019 conference, based on selection of submitted abstracts. The members are also encouraged to identify standing committee member candidate(s) to replace E. Giuffra, and propose speakers to the organizers of the next ISAG conference.

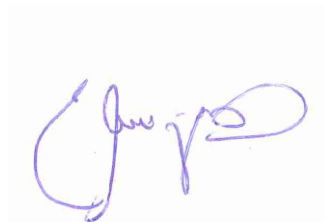
Pig genetics and Genomics Workshop – Summary of presentations

Time	First name	Author name	Presentation topic	Presentation n.
14:30	Kyle	Schachtschneider	Expression of identical genetic mutations across Oncopig cell types results in distinct expression profiles recapitulating transcriptional hallmarks of human tumors.	138
14:45	Chen	Zhao	Genome-scale sgRNA library construction and use for CRISPR/Cas9-based genetic screens in the pig	139
15:00	Joan	Estany	Dietary vitamin A differentially affects fat desaturation in porcine stearoyl-CoA desaturase genotypes.	140
15:15	Rita	Benítez	Effects of diet supplementation with oleic acid or carbohydrates on Biceps femoris transcriptome in growing Iberian pigs.	141
15:30	Chris	Tuggle	Porcine bloodomics: Identification of porcine neutrophil-specific genes through gene expression correlations to neutrophil abundance and comparative expression data	142
15:45	Andrea	Doeschl-Wilson	Is there genetic variation in both resistance and tolerance of pigs to porcine reproductive and respiratory syndrome virus?	143
16:00	Break			
16:30	Sylvain	Foissac	Integrative and differential analysis of transcriptomes and chromatin accessibility regions reveals regulatory mechanisms involved in pig immune and metabolic functions [FAANG pilot project "FR-AgENCODE"].	144
16:45	Z.	Zhang	Genome-wide scanning of the cis-effects of sequence variations on enhancer activity in the F6 swine heterogeneous stock.	145
17:00	Artur	Gurgul	The effect of histone acetyl-transferase inhibitor (trichostatin A) administration on porcine mesenchymal stem cells transcriptome.	146

17:15	Maria	Marti-Marimon	Characterization of 3D genomic interactions in fetal pig muscle	147
17:30	Alan	Archibald	Exploiting long read sequencing technologies to establish high quality highly contiguous pig reference genome assemblies.	148
17:45	Thibaut	Hourlier	Updated pig genome resources in Ensembl.	149
18:00			Business Meeting and Elections	

Committee members (the new committee)

Co-Chairs	term of service	E mail address:
Kyle Schachtschneider	2021	kschach2@uic.edu
Ramona N. Pena	2021	romi.pena@ca.udl.cat
Other members	term of service	E mail address:
Elisabetta Giuffra	2019	elisabetta.giuffra@jouy.inra.fr
Amanda Warr	2021	amanda.warr@roslin.ed.ac.uk
Andreia Amaral	2021	adfonseca@fc.ul.pt



RN Pena



K Schachtschneider