



# ISAG CONFERENCE 2012, Cairns, Australia

<h2>Genetics of the Immune Response</h2>
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STANDING COMMITTEES / WORKSHOPS      Information will be posted online

**Organized by a standing committee:** yes

**Date and meeting time:** July 16, 2012, 2:00-5:30 pm

**Chair, name and contact email:**

- Claire Rogel-Gaillard: [claire.rogel-gaillard@jouy.inra.fr](mailto:claire.rogel-gaillard@jouy.inra.fr)
- Co-Chairs: Sue Lamont and Stephen White

**Agenda / program attached**

**Number of participants at meeting:** 90

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

### 1. Chair's report of activities of the committee

Workshop attendance: 90

Thank you to speakers for excellent presentations and attendees for invigorating questions and discussion.

- a) The committee appreciated the separation in time of the Genetics of the Immune Response, MHC, and Comparative & Functional Genomics workshops to facilitate participation in each. Thank you to the conference organizers.
- b) The lightning round of short talks to facilitate student and post-doc presentations was a success. The committee supports continued use of such presentations in the future to develop talent in the field. In the current workshop, applicants for bursaries were used to distinguish students and post-docs from other attendees. The committee requests a checkbox on future ISAG abstract submissions to facilitate the broadest possible consideration for participation in future lightning round presentations, not only restricted to applicants who were successful in getting a bursary.
- c) The committee discussed possibilities for better incorporation of plenary speakers into the workshop program. The committee requests opportunities for input into plenary

lecture speakers by the ISAG workshop chairs to facilitate greater integration into workshop programs.

- d) The committee members express support for the concept of a farm animal ENCODE project and request information and opportunities to contribute. Species of interest to current members of the committee include swine, cattle, chicken, sheep, goats, aquaculture species, and wild cervids.
- e) A name change was suggested to reflect the full scope of committee, from Genetics of the Immune Response, to Genetics of the Immune Response and Disease Resistance, as it seems it used to be. This motion passed unanimously.

## 2. Committee composition

The committee is expected to include five to seven members.

- a) Thank you to outgoing committee members:

Sue Lamont  
Sylvie Quiniou

- b) New members added:

Graham Plastow  
Keith Ballingall  
Huaijun Zhou

- c) New committee composition, including ends of terms and emails:

Stephen White (2016, ex-officio): swhite@vetmed.wsu.edu  
Claire Rogel-Gaillard (2014, ex-officio): claire.rogel-gaillard@jouy.inra.fr  
John Williams (2014): john.williams@tecnoparco.org  
Graham Plastow (2016): plastow@ualberta.ca  
Keith Ballingall (2016): keith.ballingall@moredun.ac.uk  
Huaijun Zhou (2016): hzhou@ucdavis.edu  
Yaofeng Zhao (2016): yaofengzhao@cau.edu.cn

The committee also asked the incoming chair to solicit nominations for one additional committee member to represent the Pacific Rim on the committee. Prof Ning Li (China Agricultural University, Beijing) has been contacted and will suggest someone from his group to join the committee. Yaofeng ZHAO has been added to the list of the committee members.

d) Nominations for Vice-Chair

Huajun Zhou has been nominated as potential vice chair. Once the committee membership is finalized, final nominations will be held, along with a vote, if necessary.

e) Stephen White who had been elected as vice chair before the ISAG meeting will stand as chair for the next two years.

**3. Discuss format and content of workshop to aid planning of 2014 workshop**

- a) Organization of 2014 Workshop: The committee members are aware that they will have to propose a program for the next ISAG meeting in 2014 by selecting oral presentations from the submitted abstracts found relevant for the workshop on genetics of immune response and disease resistance.
- b) Another possible Workshop component may be an update on various “toolkits,” such as those for veterinary immunological reagents.
- c) A lightning roundtable will be organized

**Committee members**

Chair: Claire Rogel-Gaillard term of service: Chair 2012, member 2014  
E mail address: [claire.rogel-gaillard@jouy.inra.fr](mailto:claire.rogel-gaillard@jouy.inra.fr)

Other members	term of service:
Stephen White	Chair 2014, member 2016
John Williams	2014
Sue Lamont	2012
Sylvie Quiniou	2012

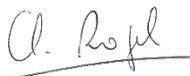
**COMPARISON TEST**                      **no**

**SIGNATURES**

**Chair**

**Duty laboratory**

**Computing laboratory**



## Genetics of immune response Workshop

Monday, July 16<sup>th</sup>, 14:00 – 17:30

### Final program

**Co-chairs:** Drs Claire Rogel-Gaillard and Stephen White

**Chair of the lightning session:** Dr Susan Lamont

	Speaker	Title
14:00-14:05	Claire Rogel-Gaillard	Welcome and Introduction
14:05-14:35	Bonnie Mallard	Genetic Selection for High Immune Response
14:35-14:50	Jordi Estellé	Genome-wide association study for immunity traits in French Large White pigs
14:50-15:05	Joan Lunney	Genetic control of swine responses to PRRSV infection: Progress of the PRRS Host Genetics Consortium
15:05-15:20	Mark S Fife	Case-control study for Salmonellosis confirms genetic resistance in commercial chickens
15:20-15:35	Leslie Ann Lyons	Three Burmese cat specific diseases identified by genome-wide association studies
15:35-16:00	Coffee break	
16:00-16:15	Ernest Bailey	Genetics of carrier status for equine arteritis virus: Association with in vitro virus infectivity assay and a haplotype on ECA11
16:15-16:30	Stephen White	Extended scrapie incubation time in goats singly heterozygous for <i>PRNP</i> S146 or K222
16:30-16:45	Peter William Hunt	New options for assessing disease susceptibility traits
16:45-17:15 4 min per presentation followed by a unique set of questions	Nikki le Roex	Novel SNP identification and association with bovine TB in African buffalo
	Leonardo Murgiano	A de novo germline mutation in MYH7 causes a progressive dominant myopathy in pigs
	Jason Abernathy	Fine-mapping of chicken genomic aberrations by identifying CNVs associated with <i>Campylobacter jejuni</i> colonization
	Marie-Laure ENDALE	MiRNA targeting in host-virus interaction: inter-strain comparison in Pseudorabies Virus (PrV)
	The four speakers	Questions
17:15-17:30	For general discussion	Committee Business