



**ISAG**  
**CONFERENCE 2014, Xi'an, China**

<p><b>Comparative MHC Workshop</b></p>
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STANDING COMMITTEES / WORKSHOPS      Information will be posted online

**Organised by a standing committee**      **Yes**

**Date and meeting time: Friday 1<sup>st</sup> of August 10.15-12.30**

**Chair, name and contact email: Dr Keith Ballingall, keith.ballingall@moredun.ac.uk**

**Agenda / programme attached**

**Number of participants at meeting: 75**

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

The workshop consisted of five oral presentations of 20 minutes each followed by a general discussion and committee business meeting. Each presentation was followed by questions from the audience.

1. Summary of the workshop presentations.
  - (i) The Chair introduced the workshop and welcomed the speakers and audience.
  - (ii) The first presentation was from the Chair (Keith Ballingall, Moredun Research Institute, UK) on the “**IPD MHC database, past, present and future**”. The role of the immuno-polymorphism databases (IPD-MHC) ([www.ebi.ac.uk/ipd/mhc](http://www.ebi.ac.uk/ipd/mhc)) in providing a curated index of alleles and the official nomenclatures at MHC loci in non-human species was presented. The importance of these databases, their origins and current applications were presented along with future funding plans for continued expansion and development. The success and support from both ISAG and the International Veterinary Immunology community through the Veterinary Immunology Committee (VIC) of IVIS was acknowledged.
  - (iii) The second presentation was from Jun-Heon Lee, (Chungnam National University, South Korea) who presented an update from the SLA nomenclature committee “**The Swine Leukocyte antigen (SLA) nomenclature system, Update 2014**”.

(iv) The third presentation was from Changku Park (Konkuk University, South Korea) “**Allelic difference in binding affinity to the epitopes from pathogens by SLA-DQB1 and DRB1 may result in differences in post-weaning piglet survivability.**”

(v) The fourth presentation was from Mairepati Palati (RIKEN Japan) who presented her data on “**The characterization of MHC class II *DRB1* in native sheep from Xinjiang China.**”

(vi) The final presentation was from Shin-nosuke Takeshima (RIKEN Japan) who presented his data on the “**Assessment of biodiversity in Chilean cattle using the distribution of MHC class II *BoLA-DRB3* allele**”.

2. The committee business meeting was attended amongst others by Keith Ballingall, (Chair), Joan Lunney (Treasurer of VIC), Chris Davies (Committee member and former Chair), Claire Rogel-Gaillard, Shin-nosuke Takeshima, and Bertrand Bed’Hom

### **Election of new committee members**

- Keith Ballingall agreed to continue as Chair until 2016
- Shin-nosuke Takeshima, RIKEN, Japan and Bertrand Bed’Hom, INRA, France were elected to serve on the committee.
- KB to speak to John Hammond, Pirbright Institute UK, to enquire whether he wishes to join the committee with a view to taking over responsibility of the BoLA nomenclature following the retirement of Shirley Ellis. (**Note**, JH has since agreed to join the committee)
- KB to contact all current members to ensure that they wish to continue on the committee and to encourage ISAG membership.

### **Committee members** (the new committee)

The committee composition remains essentially the same with rolling appointments for species specific IPD-MHC curators along with a number of new members.

Keith Ballingall      Chair & Ovine  
Term of service      rolling until 2016  
E mail address:      keith.ballingall@moredun.ac.uk

### Other members/ IPD-MHC curators

Chak-Sum (Sam) Ho    Chair of the SLA nomenclature committee  
Term of service      rolling  
E mail address      [SHo@giftoflifemichigan.org](mailto:SHo@giftoflifemichigan.org)

Michael Stear:      Ovine/Bovine  
Term of service      rolling  
E mail address:      [m.stear@vet.gla.ac.uk](mailto:m.stear@vet.gla.ac.uk)

Hans Dijkstra:      Fish  
Term of service      rolling  
E mail address      [Dijkstra@fujita-hu.ac.jp](mailto:Dijkstra@fujita-hu.ac.jp)

Shirley Ellis:	Bovine/ Past Chair
Term of service	rolling
E mail address	<a href="mailto:shirley.ellis@bbsrc.ac.uk">shirley.ellis@bbsrc.ac.uk</a>
Lorna Kennedy:	Canine/Feline
Term of service	rolling
E mail address	<a href="mailto:Lorna.Kennedy@manchester.ac.uk">Lorna.Kennedy@manchester.ac.uk</a>
Steven Marsh:	IPD-MHC/HLA
Term of service	rolling
E mail address	<a href="mailto:steven.marsh@ucl.ac.uk">steven.marsh@ucl.ac.uk</a>
Chris Davies:	Ruminant/Past Chair
Term of service	rolling
E mail address	<a href="mailto:chris.davies@usu.edu">chris.davies@usu.edu</a>
Donald Miller:	Equine
Term of service	rolling
E mail address	dm96@cornell.edu
Jim Kaufman:	Chicken
Term of service	rolling
E mail address	<a href="mailto:jfk31@cam.ac.uk">jfk31@cam.ac.uk</a>
Lutz Walter:	Rat
Term of service	rolling
E mail address	<a href="mailto:lwalter@gwdg.de">lwalter@gwdg.de</a>
Ronald Bontrop	Non-human primates
Term of service	rolling
E mail address:	<a href="mailto:img@bprc.nl">img@bprc.nl</a>

### **New Committee Members**

Shin-nosuke Takeshima	Ruminants
Term of service	rolling
E mail address	takesima@riken.jp
Bertrand Bed'Hom	Chicken
Term of service	rolling
E mail address	bertrand.bedhom@jouy.inra.fr
John Hammond	BoLA
Term of service	rolling
E mail address	<a href="mailto:john.hammond@pirbright.ac.uk">john.hammond@pirbright.ac.uk</a>

### **SIGNATURES**

**Chair**



Keith Ballingall

**IMPORTANT INFORMATION FROM THE WORKSHOP AND STANDING COMMITTEE GUIDELINES:**

All members of a standing committee need to have individual membership of ISAG throughout the time of service. If new committee members are not ISAG members when elected it is necessary to become so as soon as possible.

The workshop Chair has to compile the report of the workshop and then circulate it to the members of the Standing Committee for any comment and revision. The report then has to be mailed to the ISAG secretary within the noted deadline.

**PLEASE EMAIL A WORD VERSION AND A SIGNED PDF VERSION OF THIS REPORT TO THE ISAG SECRETARY: [Ingrid Olsaker](mailto:Ingrid.Olsaker@assoqh.org) [ISAGsecretary@assoqh.org](mailto:ISAGsecretary@assoqh.org)**

**DEADLINE AUGUST 31st 2014**

The secretary will take care of sending this report to the ISAG members having participated in the workshop. Participants are allowed to comment and may ask for revision. Such a request for revision has to be given including relevant reasons and arguments. The Secretary will send these requests to the Chair for dispute in the Standing Committee. Within two weeks the Standing Committee has to answer the Secretary

If no comments from participants have been received within TEN days , the report is considered to be approved and will be published on the ISAG web.

For more information please see the committee guidelines.