

# ISAG 2012 General Business Meeting

July 20, 2012

Cairns, Australia

Present:

Ernie Bailey (EB), President; Hein van Haeringen (HvH), Treasurer; Ingrid Olsaker (IO), Secretary; Cecilia Penedo (CP), EC member; Cynthia Bottema (CB), EC member; Max Rothschild (MR), EC member; Noelle Cockett (NC), EC member; Jenna Stoia (JS), recorder/FASS, Chris Moran (CM), Editor-AGE.

Approximately 125 members in attendance

Keys: EC = Executive Committee

SC = Standing Committee

CT = Comparison Test

ISAG= International Society of Animal Genetics

IFAG= International Foundation of Animal Genetics

AGE: The journal "*Animal Genetics*"

GBM: General Business Meeting

## 1. Welcome and Opening

- Moment of silence to honor Alan Wilton, Wilmer Miller and John Hall
- EB opens, introducing EC and officers
- EB's Message: ISAG as a society has a unique and unified voice.

## 2. 2010 Minutes

- The 2010 Minutes are posted to the website.
- EB calls for corrections, hearing none, the minutes will stand as written.

## 3. Secretary's Report: IO summarized the 2012 report for the GBM.

- Membership: Dipped around April 2011

Date	Institutional	Individual	Honorary	Travel	Staff	TOTAL
April-1-2010	118	434	7	13	2	574
July-1-2010	122	465	7	13	2	609
Oct-1-2010	129	499	7	16	2	653
Dec-31-2010	129	504	7	16	2	658
April-1-2011	93	294	7	30	2	426
July-1-2011	124	318	7	30	2	481
Oct-1-2011	134	353	7	1	2	497
Dec-31-2011	142	371	7	0	2	522
April-1-2012	124	409	7	0	0	540

This chart shows the number of members in the various categories over the past two years. Since 2011 was not a conference year, the number of individual memberships declined, as has been observed for non-conference years in the past.

FASS is now handling membership renewals and reminders about membership payments. Past issues with membership IDs and CT certificates are thus basically resolved

- b. Workshop Reports  
IO met with the SC and workshop chairs to review the workshops and report forms
- c. Comparison tests:
  - 2009-2010: Certificates issued for Horse and Cattle microsatellites
  - 2011-2012: Cattle: SNP 2 (early 2011) and SNP 3 + microsatellites  
In addition Horse, Sheep, Goat, Cat, Dog, Llama/Alpaca and Pig  
There were no tests for Chicken and Buffalo
  - 2013-2014: Consignment forms will be online.  
Two tests for cattle as in 2011-2012: SNP and SNP + microsatellites

**A motion to accept the secretary's report was made, seconded and voted approval by the membership.**

#### **4. Treasurer's Report: HvH presented on 2010 and 2011 income**

**Profit and Loss Account for 2010-2011 - in EUR**

	<b>2010</b>	<b>2011</b>
Revenues	€ 104 418	€ 92 856
Operating Expenses	€ 59 091	€ 60 077
Net Result	€ 45 327	€ 32 779
<b>TOTAL owned</b>	<b>€ 150 209</b>	<b>€ 182 988</b>

- a. A new two-year membership option was offered in 2010. It is important to keep this in mind when seeing the drop off in the membership renewal rate in 2011.
- b. HvH predicted lower revenue in 2012 due to expected increased expenses during a meeting year (for scholarships, travel assistance, etc).
- c. Membership fees will remain the same for the coming year.  
ISAG is offering a promotional discount at the conference for new members who purchase a two year membership for the remainder of 2012 and 2013.  
Approximately 20 new members joined during the 2012 meeting.

**A motion to accept the treasurer's report was made, seconded and voted approval by the membership.**

#### **5. Honorary Members:** Nominations from the EC are based on an individual's contributions to animal genetics and must be brought before the GBM for a vote.

- a. A short presentation was made by Max Rothschilds about the career of Morris Soller.  
**Morris (Moshe) P. Soller** was nominated based on his extensive work in animal genetics with QTL mapping, developing the theory of marker assisted selection, and early recognition of the power of DNA markers. He has published over 160 papers, received the Lush award from ADSA, is a Fellow of ASAS, and has an honorary doctorate from the University of Louisiana and the University of Iowa.  
The motion to elect Soller an honorary member was made by the EC and does not require a second. His election was approved by the membership with a show of acclamation.
- b. A short presentation was made by Harris Lewin regarding the career of Jim Womack.  
**James E Womack** was nominated for his pioneering work in genetics, particularly the cattle genome. His development of a whole genome cattle-hamster RH panel has greatly influenced cattle genomics and gene mapping. He is the coordinator for the Bovine Genome and has received multiple awards for his work including the Wolf Prize in Agriculture in Israel.  
The motion to elect Womack an honorary member was made by the EC and does not require a second. His election was approved by the membership with a show of acclamation.

## **6. Election Results**

- a. EB announced that CP and CB are departing from the EC. He thanked them for their invaluable contributions to ISAG with comparison test organization (CP) and the 2012 meeting organization (CB).
- b. EB announced the election results:

**87 votes for Marie-Yvonne Boscher, PhD**

41 votes for Jun Heon Lee, PhD

44 votes for Ning Li, PhD

**85 votes for Stephen Moore, PhD**

49 votes for Kent M. Reed, PhD

**116 votes for Max F. Rothschild, PhD**

73 votes for Ann Trezise, PhD

42 votes for Stephen N. White, PhD

**Each member was entitled to cast up to 3 votes. 198 members cast 537 total votes**

Max Rothschild, Stephen Moore and Marie-Yvonne Boscher received the largest number of votes among the candidates. MR was re-elected to the EC for a second 4 year term. Dr. Steve Moore, Australia and Dr. Marie-Yvonne Boscher, France were also elected to serve 4 year terms on the EC.

## **7. New Standing Committees**

When a group meets in connection with two successive ISAG conferences, they can petition to be elected to standing committee status.

- a. Epigenetics Working Group:  
Met at last two conferences. They petitioned for status as a Standing Committee.  
**EC moves for approval. Unanimous vote. Motion carries.**
- b. Llama/Alpaca (Camelidae) Comparison Testing Working Group:  
This group has met at two ISAG conferences and has conducted two comparison tests. They petitioned for Standing Committee status as "Camelid Genetics and Genomics".  
**EC moves for approval. Vote showed unanimous approval. Motion carries.**
- c. Companion Animal Genetics and Genomics  
The standing committee "Dog Genetics and Genomics" have petitioned for a name change and to include cats in their activities. Therefore this vote is for a name change and inclusion of cat issues in the committees field of work.  
**EC moves for approval. Vote showed unanimous approval. Motion carries.**
- d. Domestic Animal Sequencing Working Group  
This group has met at more than the two previous conferences  
**EC moves for approval of this standing committee. Vote showed unanimous approval. Motion carries.**

Reports on the activities of each of the standing committees can be seen online following submission after the conference.

If a standing committee does not show any activities during two consecutive ISAG conferences it will be discontinued.

## **8. Editor's Report**

- a. CM reported that AGE is a major source of income for IFAG and ISAG and has performed very well. He thanked his associate editors for their hard work and assistance in making AGE a success.
- b. Journal statistics:
  - i. Journal submissions have trended down over the past few years.
  - ii. The 2012 acceptance rate is 39.7% while in 2011 the rate was 38.9%.
  - iii. Journal turn-around time is 47 days  
On average, full papers take 41 days with short communications taking 62 days. These short communications may be changed from full papers – explaining the longer time frame for turn-around.
  - iv. Impact Factor (IF): CM explained the significance of the IF. AGE had been third but open access journals are starting to have higher IF than other journals.
  - v. Special issues do well: Horse has 6 of the 10 most cited papers from AGE
  - vi. Aquaculture seems to be a topic of interest right now
- c. Open Access
  - i. There is a strong drive in the UK for open access journals
  - ii. Some granting agencies require publication of results in open access journals
  - iii. The “open access option” does exist for publishing in AGE and should be more widely publicized. In addition, all special issues are open access. One advantage of publishing open access papers in AGE is that papers are available both as hardcopy and electronically for the same price as publishing in the online-only journals.

(Editor's Report is available in the attached pdf file)

**A motion to accept the editor's report was made, seconded and voted approval by the membership.**

## **9. Survey Results and Vote on Moving ISAG conference to odd numbered years.**

- a. The survey, organized by Cindy Bottema on behalf of the EC and the Organizing Committee for the ISAG conference in Cairns, resulted in a 35% response rate (173 responses out of 497 members)
- b. Results:
  - i. 82.5% said that ISAG should move their conference to odd years in order to avoid meeting the same year as the World Congress on Genetics Applied to Livestock Production (WCGALP)
  - ii. 51.7% wanted to have a tour during the ISAG meeting while 22.7% wanted a tour available before or after the meeting.

Results were used when planning for tours for 2012 meeting

- c. Discussion about moving ISAG to odd years: The following points were raised:
  - i. The overlap of the WCGALP was a problem for a significant number of ISAG members based on the survey. In years when both conferences are held, then some members are unable to attend the ISAG conference.
  - ii. Merging the ISAG conference with the WCGALP is not feasible because the functions and subject matter of the two conferences is different. For example, a large part of the activity of ISAG involves comparison tests and standing committees. Unlike ISAG, WCGALP is not a member organization but a permanent international committee working with a local committee to organize the conference.
  - iii. According to one of the members (unidentified), the board of WCGALP had considered then rejected moving their meeting to odd numbered years.

- iv. If we switched to odd years, it would be best to hold two meetings in successive years so as to reduce disruption to comparison tests.

**The EC offered the following motion:**

*The ISAG conferences will be held in odd-numbered years at the earliest possible date.*

**The results of voting were as follows: Yes: 53, No: 30. Motion approved by majority vote. Motion carries.**

As there is a preliminary offer to host the meeting in 2016 (see below) ISAG will begin soliciting invitations for the 2017 meeting.

**10. Future Conferences**

- a. Xi'an in 2014: Li Ning presented information about the 2014 conference.

Questions:

- i. Will there be a list of recommended accommodations and will group rates be available? Li Ning will provide this.
- ii. Given the financial stability of ISAG, is it possible for the registration rate to be reduced? The EC will discuss the possibility.

- b. 2016 Proposal: Clare Gill presented the Texas A&M proposal for hosting the 2016 meeting.

- i. The ISAG meeting has not been in the US for 16 years.
- ii. Clare reported that ASAS has extended an invitation to host the ISAG meeting including support staff.

Based on the discussion, there was interest to interact with ASAS and some members would attend both meetings. However, a merger of the meeting did not seem feasible due to the activities of workshops, standing committees and comparison tests for ISAG.


**Motion: MR moves to accept the invitation from Texas A&M for 2016. Andrea Sise seconds. Motion approved unanimously. Motion carries.**

- c. EB sends out a call for 2017 hosts

**11. Cindy Bottema and her staff were heartily thanked for organizing an excellent conference.**

**12. Seeing no other business, the GBM adjourned at 5PM**

A pdf version of the PowerPoint presentations from the GBM is attached

**ISAG**   
INTERNATIONAL SOCIETY FOR ANIMAL GENETICS

**GENERAL BUSINESS MEETING**  
July 20, 2012, Cairns, Australia

**Agenda**

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**1. Welcome and Opening**

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**2. Minutes of the last meeting (Online)**

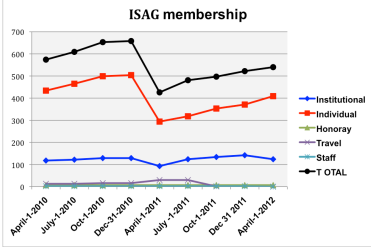
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**3. Secretary's report**

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• **3.1 Membership:**

**ISAG membership**



Date	Institutional	Individual	Honoray	Travel	Staff	TOTAL
April-2010	120	450	10	10	10	590
July-2010	120	480	10	10	10	630
Oct-2010	120	500	10	10	10	650
Dec-2010	120	500	10	10	10	650
April-2011	120	300	10	10	10	450
July-2011	120	320	10	10	10	460
Oct-2011	120	350	10	10	10	490
Dec-2011	120	380	10	10	10	520
April-2012	120	430	10	10	10	570

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• **3.2 Lunch meeting with workshop and standing committee chairs**  
Workshop report form

• **3.3 Comparison Tests**  
2009-2010: **Certificates** issued for Horse and for Cattle microsatellites  
2011-2012: Cattle: SNP 2 (early 2011) and SNP 3 + microsatellites  
Horse  
Sheep  
Goat  
Cat  
Dog  
Llama/Alpaca  
Pig  
**No Test:** Buffalo and Chicken  
2013-2014: Consignment forms **online**  
Cattle: SNP + SNP and microsatellites

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#### 4. Treasurer's report

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##### • 4.1 Profit and Loss: Account for 2010-2011 in EUR

	2010	2011
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##### • 4.2 Membership Fees

No increase in Membership Cost

Actual Situation in USD		One Year	Two Years
Individual	Online access to AGE	\$50	\$90
	Online + paper copy of AGE	\$350	\$675
Institutional	No AGE	\$500	\$900
	Paper copy of AGE	\$705	\$1300

Special Offer for new members: \$60 for 2012 and 2013

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#### 5. Honorary Members

- Morris P. Soller
- James E. Womack

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#### 6. Election Results

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198 members casted 537 votes in total

**87 votes for Marie-Yvonne Boscher, PhD**

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44 votes for Ning Li, PhD

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## 7. New Standing Committees

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- *Epigenetics*
- *Llama and Alpaca (or Camelidae)*
- *Companion Animals Genetics and Genomics*  
(Name change and merger of dog and cat)
- *Domestic Animal Sequencing*

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## 8. Editor's Report

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### Associate Editors

- Prof Christopher Tuggle, Iowa State, USA (2007)
- Dr James Kijas, CSIRO, Brisbane, Australia (2007)
- Dr Anna Sonesson, Nofima, Ås, Norway (2012)
- Dr John Bastiaansen, Wageningen, Netherlands (2012)
- Prof DJ de Koning (2007 - resigned March 2012)



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## Editorial Board

- James Reecy
- Christa Kühn
- Daniel C. Ciobanu
- Bertrand Bed'hom
- Kent M Reed
- Georgia Hadjipavlou
- Teruaki Tozaki
- Claire Wade
- Leslie A. Lyons
- Jianlin Han
- Edwige Quillet \*
- Sylvie Lapéque
- Hans D. Daetwyler
- M.P.L. (Mario) Calus
- Richard Crooijmans
- Mick Watson
- Paolo Ajmone Marsan
- Sree Kanthaswamy
- Joan K. Lunney

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## Journal Statistics – New Submissions

- In the 12 months to:
- March 2012      354
- March 2011      420
- March 2010      445
- Downward trend is of concern
- Reasons not obvious but could include economic crisis and competing open access journals
- Take home message for ISAG members – submit your papers to *Animal Genetics*

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## Journal Statistics – overall acceptance rate

- In the 12 months to March
- 2012 39.7%
- 2011 38.9%
- Publisher advises that acceptance rate of around 30% is better target for improving journal impact

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## Journal Statistics – turnaround time for processing manuscripts

- Average time to final decision
- In the 12 months to March
- 2012 overall 47.0 days
- 2011 overall 46.8 days
- 2012
- Brief Reports 23 days
- Full Papers 41 days
- Short Communications 62 days

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Journal Statistics – Impact Factor<sup>#</sup>

- 2 years to IF AAD\* GenHer\*
- 2011 2.403 3/55 89/157
- 2010 2.292 3/49 83/144
- Genetics Selection Evolution has moved from 1.402 (16/49) in 2010 to 2.885 (1/55) coinciding with move to publication by BiomedCentral and open access model in 2008
- <sup>#</sup> Average citations per paper (excluding Brief Reports) in the two years following publication
- \*AAD – Agriculture, Animal and Dairy Science; GenHer – Genetics and Heredity

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## Special Issues

- Horse Genomics and the Dorothy Russell Havermeier Foundation December 2010
- Organised by Ernie Bailey
- Generated 6 of the 10 most highly downloaded papers from Animal Genetics in 2011.
- Morris Soller: Energising Animal Breeding and Genetics July 2012
- Special issues tend to be highly cited and have a favourable effect on the journal impact factor.
- Please contact me if you have suggestions for a special issue

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## Most downloaded articles 2011

Rank	Authors	Article Title	Vol	Iss
1	L. F. Groeneveld <i>et al.</i>	Genetic diversity in farm animals - a review	41	s1
2	Irene Hoffmann	Climate change and the characterization, breeding and conservation of animal genetic resources	41	s1
3	R. R. Bellone	Pleiotropic effects of pigmentation genes in horses	41	s2
4	T. Raudsepp <i>et al.</i>	Molecular heterogeneity of XY sex reversal in horses	41	s2
5	D. Cook, P. C. Gallagher, E. Bailey	Genetics of swayback in American Saddlebred horses	41	s2
6	R. R. Bellone <i>et al.</i>	Association analysis of candidate SNPs in <i>TRPM1</i> with leopard complex spotting ( <i>LP</i> ) and congenital stationary night blindness ( <i>CSNB</i> ) in horses	41	s2
7	C. F. C. Klütsch <i>et al.</i>	Regional occurrence, high frequency but low diversity of mitochondrial DNA haplogroup d1 suggests a recent dog-wolf hybridization in Scandinavia	42	1
8	N. Orr <i>et al.</i>	Genome-wide SNP association-based localization of a dwarfism gene in Friesian dwarf horses	41	s2
9	T. Tozaki <i>et al.</i>	A cohort study of racing performance in Japanese Thoroughbred racehorses using genome information on ECA18	43	1
10	S. A. Brooks <i>et al.</i>	Morphological variation in the horse: defining complex traits of body size and shape	41	s2

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## Most highly cited papers 2008

Title	Author(s)	Doc. Type	Vol.	Iss.	Times Cited During 2008	Times Cited to Date 23/07/12
A combined AITP and microsatellite linkage map and pilot comparative genomic analysis of European sea bass <i>Dicentrarchus labrax</i> L.	Christakou, DA, Tsigenopoulos, CS, Lagnel, J, Gao, YH, Hellebrand, B, Haley, CS, Volkhaert, FAM, Kottstad, O	Article	35	6	9	22
Using molecular markers and multivariate methods to study the genetic diversity of local European and Asian chicken breeds	Berthouly, C, Beeftink, B, Tixier-Bischard, M, Chen, C, Liu, YP, Lohr, D, Legrand, H, Verrier, E, Rogerson, X	Article	39	2	9	19
Transcriptional analysis of host responses to Marek's disease virus infection in genetically resistant and susceptible chickens	Serson, AJ, Parvizi, P, Leht, D, Quinton, M, Shaw, S	Article	39	3	9	19
Two single nucleotide polymorphisms in the myostatin ( <i>GDF8</i> ) gene have significant association with muscle depth of commercial Charolais sheep	Hadjilovoulos, D, Markita, O, Chop, A, Böhner, SC	Article	39	4	8	19
A genetic linkage map for coho salmon ( <i>Oncorhynchus kisutch</i> )	McKinnell, EK, Nash, KA	Article	39	2	7	18
Identification of polymorphisms influencing feed intake and efficiency in beef cattle	Sherman, EL, Mirzazadeh, J, Mundt, BM, Moore, SS	Article	39	3	6	16
Mitochondrial DNA D-loop sequences suggest a Southeast Asian and Indian origin of Zambian village chickens	Machabeyi, SC, Eding, M, Simanung, H, Wolke, CB, Groenewald, E, Weigend, S	Article	39	6	6	14
Spontaneous mixing of EST-5B loci in the Pacific oyster, <i>Crassostrea gigas</i>	Wang, Y, Ren, R, Yu, Z	Article	39	3	5	16
Microsatellite and mitochondrial haplotype diversity reveals population differentiation in the tiger shrimp ( <i>Penaeus monodon</i> ) in the Indo-Pacific region	Yeo, EM, Chu, TS, Liu, KP, Tansakulajon, A, Wuthikong, S, Thirathayakorn, K, de la Pena, LD, Li, Y, Yu, HT	Article	39	3	5	14
Characterization of EST-derived microsatellites for gene mapping and evolutionary genomics in turbot	Bouza, C, Heredia, M, Millan, A, Vlas, R, Viera, M, Fernandez, C, Calais, M, Pardo, BC, Martinez, P	Article	39	6	5	11

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Most highly cited papers 2009	2009						
	Title	Author(s)	Doc. Type	Vol.	Iss.	Times Cited During 2010	Times Cited to Date 23/03/12
25	A whole genome association analysis identifies loci associated with Mycobacterium avium subsp. paratuberculosis infection status in US Holstein cattle	Serres, M.; Zanello, R.; McKay, D.; Schaefer, M.; Taylor, J.; Whitlock, R.; Schukken, Y.; Van Kester, D.; Smith, M.; Hoffberg, H.	Article	40	5	8	23
	The porcine fat mass and obesity associated (FTO) gene is associated with fat deposition in Italian Duroc pigs	Fontanesi, L.; Scotti, E.; Buttafrazzi, L.; Dardot, R.; Russo, V.	Article	40	1	7	16
	Database of cattle candidate genes and genetic markers for milk production and mastitis	Ogden, J.; Kuri, T.; Raza, P.; A.; Dove, P.	Article	40	6	7	13
	Genome-wide scan for bovine twinning rate QTL using linkage disequilibrium	Kim, E.; Berger, P.; Kirkpatrick, B.W.	Article	40	3	6	11
	QTL for resistance to Salmonella carrier state confirmed in both experimental and commercial chicken lines	Calenge, F.; Leu, F.; Demari, J.; Fren, A.; Vignoles, F.; Piel, F.; Vignal, A.; Veigne, P.; Sallier, N.; Beaumont, C.	Article	40	5	6	11
	Cytochrome b sequences of ancient cattle and wild ox support phylogenetic complexity in the ancient and modern bovine populations	Stock, F.; Edwards, C.; Bollongino, R.; Finlay, E.; Burger, J.; Bradley, D.G.	Article	40	5	6	9
	SNP discovery in Litopenaeus vannamei with a new computational pipeline	Gurba, D.M.; Hu, Z.; Du, D.; Ruch, M.; M.	Article	40	1	6	8
	A frameshift mutation in the coding region of the myostatin gene (MSTN) affects carcass conformation and fatness in Norwegian White Sheep (Ovis aries)	Boman, M.; Klemetsdahl, G.; Blichfeldt, T.; Nafstad, O.; Våge, D.	Article	40	4	5	18
	Variation in neighbouring genes of the dopaminergic and serotonergic systems affects feather pecking behaviour of laying hens	Fliszkowski, R.; Schwarzenbacher, H.; Wysocki, M.; Wengert, S.; Preisinger, R.; Gier, B.; Fries, R.	Article	40	2	5	13
	Fine mapping of the chicken salmonellosis resistance locus (SAL1)	Fitz, M.; Salmon, N.; Hocking, P.M.; Kasper, P.	Article	40	6	5	9

9. Survey Results	
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Summary of ISAG Conference Survey Results	
9.1 GENERAL STATISTICS	
Total Number of Responses:	173
Number of Complete Responses:	173
Total number of members at time of survey: (about 35 % response)	497
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9.2 RESULTS BY QUESTION	
1. Do you support a change of ISAG conference schedule to odd years beginning in 2017 to avoid conflict/overlap with World Congress of Genetics and Livestock Production every 4th year?	
Number of Responses:	171
Yes:	141 82.5%
No:	30 17.5%
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2. Do you prefer to have a tour associated with the ISAG conference?	
Number of Responses:	172
Yes, a social tour during the ISAG conference:	89 51.7%
Yes, a tour before or after the ISAG conference:	39 22.7%
No:	44 25.6%
3. Please offer suggestions for future keynote speakers:	
Number of Responses	50/Many different suggestions
29	

10. Next Conferences	
Xi'an: 2014	
Invitation by Clare Gill 2016	
Call for next organizer (2017?)	
30	

- 11. Thanks for 2012
- 12. Any other business
- 13. Closing