



MINUTES FOR INTERNATIONAL SOCIETY FOR ANIMAL GENETICS GENERAL BUSINESS MEETING; 12 JULY 2019, LLEIDA, SPAIN.

Approximately 88 individuals in attendance.

Key: EC = Executive Committee; OEC = Officers of the Executive Committee; SC = Standing Committee; CT = Comparison Test; GBM = General Business meeting; ISAG (or Society) = International Society for Animal Genetics; IFAG (or Foundation) = Stichting International Foundation for Animal Genetics; AGE= Animal Genetics (the Journal); LOC=Local Organizing Committee (of Conference).

James Kijas called meeting to order at 11:30 am in Lleida, Spain.

Poster awards

Poster awards were organized by Clare Gill and Martien Groenen. Martin Groenen introduced and asked to announce poster award winners. Twenty individuals assisted in judging the posters who then met to determine the winners. Ten poster awards given. Noted that for better chance of winning to know that less is more on a poster.

Poster award judges were:

Ernie Bailey	Martien Groenen	Stephanie McKay
Tomas Bergstrom	Sabine Hammer	Steve Moore
Cindy Bottema	Bjorn Hoyheim	Brenda Murdoch
Fiona Buchanan	Heather Huson	Laercio Porto-Neto
Richard Crooijmans	Ted Kalbfleisch	Claire Rogel-Gaillard
Clare Gill	Tosso Leeb	Jim Reecy
Catarina Ginja	Olivia Mapholi	Kyle Schachtschneider
Guillermo Giovambattista	Fiona McCarthy	Bruce Whitelaw

The Suzuki award was presented at the Gala Dinner to Anna Letko, Institute of Genetics, Vetsuisse Faculty, University of Bern, Bern, Switzerland for the abstract titled "*Array genotyping and/or whole-genome sequencing facilitates detection of structural variants and chromosomal imbalance in pigs*"

Poster award winners were announced one by one with those present asked to come on stage to receive their certificate and cash award.

Poster winners were:

- SungBong Jang, Chungnam National University, South Korea
- Akil Alshawi, University of Nottingham, United Kingdom
- Ryan J Corbett, Michigan State University, USA
- Kaitlyn Sarlo Davila, University of Florida, USA
- Thomas Hall, University College Dublin, Belfield, Ireland
- Laura King, FAU Harbor Branch Oceanographic Institute, USA
- Melissa Monson, Iowa State University, USA
- Yolanda Núñez Moreno, INIA, Spain
- Rebecca Simon, Justus Liebig University, Germany
- Wengang Zhang, University of Edinburgh, Midlothian, UK

General Business Meeting

James Kijas noted that Jeremy Holzner with FASS is taking minutes. Noted that constitution requires a business meeting to be held every year. A GBM was held in Lleida on June 12, 2018. Kijas invited motion to approve previous minutes of that business meeting

Motion by Clare Gill to approve general business meeting minutes from June 12, 2018. Motion seconded by Tosso Leeb. All in favor none opposed. Motion passed

In memoriam

In memoriam included names below. Moment of silence observed.

- Christoph Knorr
- Paola Mariani
- Jan Rendel
- Kevin Bell

ISAG Fellows

James Kijas reviewed Fellow of Society award requirements and showed previous awardees. New Fellow of the Society inductee is Max Rothschild. A brief biography of Rothschild was read. Rothschild asked to come on stage and receive award. Rothschild gave brief speech thanking the society, his students, and his colleagues. Kijas noted Rothschild's passionate participation on ISAG EC drove creation of the developing country bursary. Joan Lunney nominated Rothschild for award.

Editor in Chief report (Hans Lenstra)

Position and strengths of ISAG Society Journal

- Reviewers and Editors are part of a network
- High quality reviews
- Consistent policy
 - 34% to peer review
- Public availability of published datasets
- Professional publishing
 - Free full color figures
 - Excellent technical editing and copy-editing
 - Author support for increasing visibility: supply email addresses of ten authors in your field, who will be sent your paper
- Impact factor moderate, but now recovered from 1.8 to 2.24
- Few submission on genomic selection
- Still no open access

Scope and target

- Reminder to Read the Authors' Guidelines
- Impact does not reflect the general quality of our papers, but a relatively low number of highly cited papers
- On the long term, better be well cited in Animal Genetics than not cited at all in Nature!

Data availability

- Allows reproducing data and meta-analysis: BIG DATA
- Dedicated databases:
 - Genbank nucleotide sequence, Ensemble Variation Archive, SRA, GEO, animalQTLdb, OSF, FigShare
- Exceptions after consulting Editor-in-Chief:
 - Consortium data
 - Data from breeding company: restricted access
- Accession codes to be provided during submission
- How do other journals handle this?
 - Mandatory data availability often not enforced

Near future: cOAlition S/Plan S: enforcing Open Access?

- So far subscription more profitable -> funding for bursaries
- No open access -> lowers impact factor
- No open access -> inhibits scientific communication

- Funders already forbid journals without OA and also to journals with optional OA as *Animal Genetics*
- Countries may stop paying subscriptions
- Editors and Editorial Board of *Animal Genetics* are now in favor of Open Access
- Combining our quality with OA may be an opportunity

Secretary's report (Sofia Mikko)

Activities over the last year have included IFAG Board Meetings, discussions and survey on "Future of ISAG", conference preparations, and TPS access to AGE. Survey results of "Future of ISAG" is available on ISAG website and EC will continue to work towards suggestions.

Conferences

The EC decided to propose Cape Town, South Africa to arrange the ISAG conference in 2021. Clare Gill has worked with the LOC to prepare the preliminary budget for conference. Members were asked to submit expressions of interest to organize ISAG2023. Five are interested.

GDPR

During the year the EC implemented a privacy statement according to the EU General Data Protection Regulation 2016/679. (GDPR). Other processors in this involved are Wiley & sons, Oxford, UK, the publisher of the peer reviewed scientific journal *Animal Genetics*, as well as Schuiteman Accountants, Veenendaal, The Netherlands who prepares the society and foundation annual financial reports. Hein van Haeringen assisted in this work.

Constitution

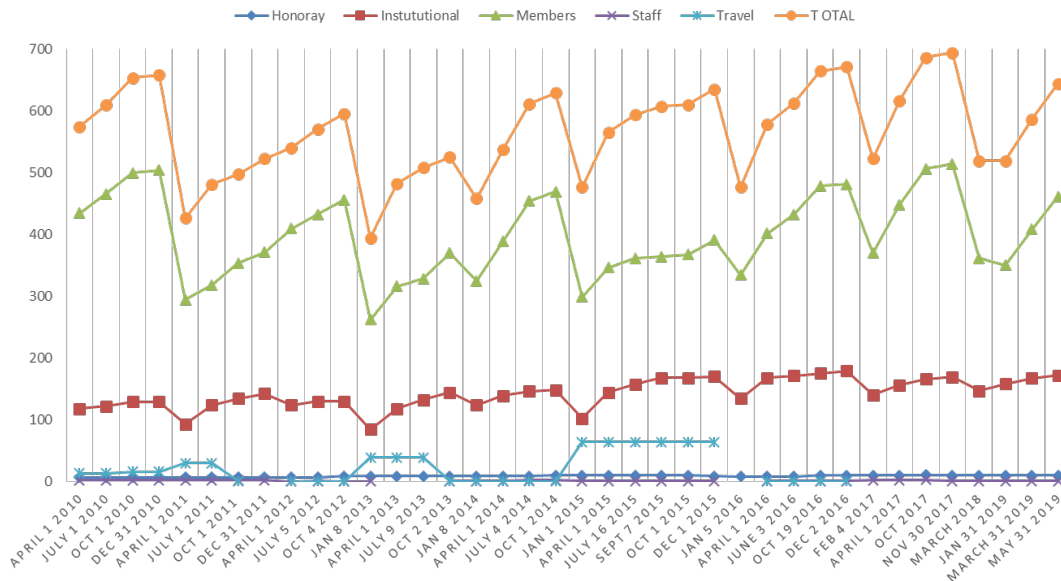
The ISAG and IFAG constitutions were updated by Sofia Mikko, Ingrid Olsaker, and Hein van Haeringen. There were numerous issues with translations and adjustments to the Dutch law. This has now been finalized and the constitutions are posted on the ISAG web site.

Editorial businesses

Tad Sonstegard has stepped down as Associate Editor and Yuri Tani Utsunomiya has started.

A publisher's meeting was held in Oxford, June 4, 2019. Attendees were: IFAG Board (Christian Looft and Sofia Mikko, editor Hans Lenstra and representatives from Wiley (Rosie Trice and Adam Wheeler).

Membership currently consists of 10 honorary, 174 institutional, 473 regular, and 1 staff.



Comparison tests (CT) 2018-2019

The ISAG Standing Committees offered comparison tests for the period of 2018 to 2019. Online application forms for each test was available on the [ISAG website](#), and the deadline for applications was July 15, 2018. To participate in comparison tests, laboratories need to be paid Institutional members of ISAG and must maintain that membership for both years of the comparison test process (2018 AND 2019). Despite this, a few labs had not yet paid their membership dues by the deadline. Submission of applications after the deadline was not an option, but anyway FASS had to wait for some laboratories to process their due payment, and subsequently allow them to submit their applications.

There is an ongoing discussion on how to make the comparison test more efficient when many laboratories. The IFAG board has asked the chairs for suggestions on how to run the Comparison tests in an efficient and cost effective way. For the 2018-2019 CT, ISAG organized the shipping of samples using FedEx as the courier.

The deadline to request a second shipment of samples was December 15. Laboratories requesting additional samples was assessed an extra processing fee per set of additional samples. Shipment of these samples was planned to be completed no later than January 5, 2019.

ISAG administrative office (ISAG@assochq.org) helped out with technical problems related to the application forms. For technical questions on the tests, the contact was the chair in each respective committee chair. For other questions related to these tests, contact the chair of the respective committees or the ISAG secretary at ISAGsecretary@assochq.org.

In total there were 497 CT applications from 156 laboratories:

Species/Type	Applications 2018-2019	Applications 2015-2016
Bovine STR	97	91
Bovine SNP	46	33
Cat STR	27	24
Cat SNP	16	Not offered
Dog STR	82	76
Dog SNP	26	Not offered
Donkey	25	Not offered
Dromedary	7	12
Forensic Genetics	26	Not offered
Goat	29	29
Horse	99	104
Llama/Alpaca	9	13
Pig	31	Not offered
Pigeon	10	12
Sheep	39	42
Grand total	569	436

SNP for dog and cat are trials only as they determine the panels to include. Horse SNP was done by Veterinary Genetics Laboratory, UC Davis and not overseen by ISAG.

ISAG elections

ISAG EC 2019 elections included three open positions for EC members and one position open for president.

Continuing members of the committee:

- Christian Looft: treasurer, current term ends 2021, serving second term
- Sofia Mikko: secretary, current term ends 2021, serving first term
- Tosso Leeb: member, current term ends 2021, serving first term

Standing for re-election:

- Martien Groenen: member, first term ends 2019

Moving from EC member to president

- Clare Gill; member, served 3 years as member

Leaving committee:

- James Kijas is completing first term as president and is not standing for re-election.
- Stephen Moore: second term ends 2019

Candidates for the four (4) positions:

President (one vote allowed):

- Clare Gill

Executive Committee candidates (three votes allowed):

- Martien Groenen (re-election)
- Sabine Hammer
- Björn Höyheim
- Gary Rohrer
- Chris Tuggle
- John Williams

Committee changes:

- Comparative MHC Steering Committee: Keith Ballingall replaced by John Hammond
- Cattle Molecular Markers and Parentage Testing Committee: Rikke Vingborg replaced by Jensheng Qiu
- Equine Genetics and Thoroughbred Parentage Testing Standardization Committee: Cecilia Penedo replaced by Marcela Martinez
- Comparison tests for sheep and goats will be handled by the *Applied genetics of other species of economical interest* committee and the chair of that committee has agreed.
- The committee requested the name of the former *Applied genetics in sheep and goats* committee be changed to *Small ruminant genetics and genomics*. Also suggested that the *Ruminant genetics and genomics* committee be changed to *Cattle genetics and genomic*.

Motion from committee to change name of applied genetics in sheep and goats committee to small ruminant genetics and genomics. Motion seconded by Tosso Leeb. All in favor, none opposed. Motion passed.

Motion to rename Ruminant genetics and genomics to cattle genetics and genomics. Comment from the floor that it makes the committee too restrictive. Motion does not receive a second.

Kijas calls for question on secretary's report and there were none.

Treasurer's report (Chrisitan Looft)

Christian Looft called to podium to provide financial report. Hein van Haeringen retired in March 2018 and Anke Foerester replaced him as ISAG Financial Administrator.

ISAG P&L 2017:

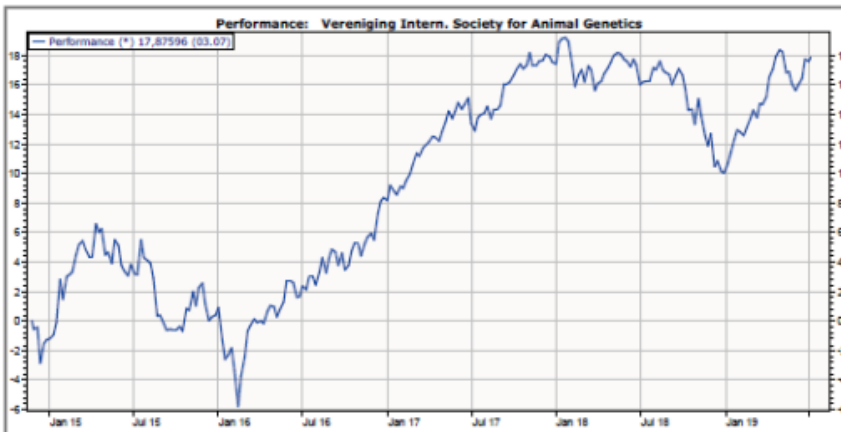
INCOME	2017	2018
membership	95.902	92.340
Individuals		
Institutionals		
Gift from Found	0	4.000
Net result investments	22.423	-25.787
TOTAL	118.325	70.553
EXPENSES		
Executive Committee	35.307	10.563
FASS	24.135	17.471
journal	0	0
accountancy	7.697	5.787
Insurance	637	589
Accounting costs		3.682
Suzuki Award	2.000	
Poster awards		
Notary charges	1.224	1.820
Support for Dublin	12.094	
net result investment		
miscellaneous		159
TOTAL	83.094	40.071
Profit	35.231	30.482

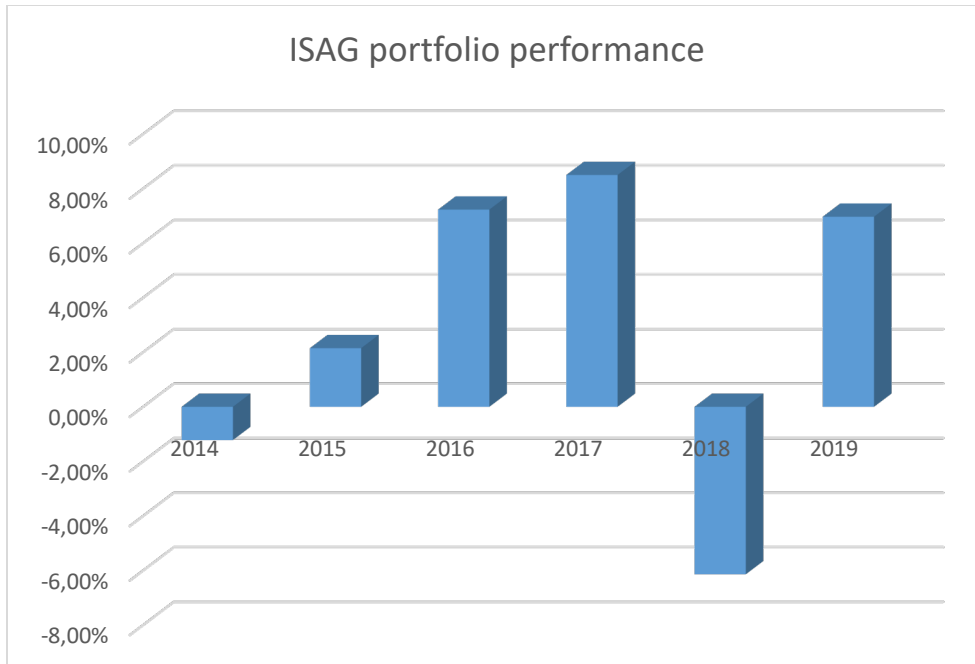
ISAG P&L 2018:

	2017	2018
INCOME		
membership	95.902	92.340
Individuals		
Institutionals		
Gift from Found	0	4.000
Net result investments	22.423	-25.787
TOTAL	118.325	70.553
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ISAG portfolio performance:

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Christian notes sharp loss due to market performance in 2018. Looft had moved portfolio to a more conservative so larger loss was mitigated. Average percentage is 3.8% per year.

Motion by Ernie Bailey that the Society is granting discharge to the Treasurer and Financial Administrator. Motion seconded by Max Rothschild. All in favor, none opposed. Motion passed.

Due to issues with Dublin meeting an MOU was drafted for Lleida and adopted to ensure risk and profit sharing will be 50/50.

Questions solicited in relation to the financial report but none received.

Election results

Election results were announced. Notes that each EC member can serve two four-year terms. In the transition of conference years from even number to odd number years, the terms were four plus three, or three plus four years. Overview of outgoing members was included on ballot but missing in error on the slides for the GBM.

Voter count

130 members have voted

President (2019)

122 votes for **Clare Gill**

Executive Committee Members (2019)

- 111 votes for **Martien Groenen** (re-election)
- 62 votes for **Sabine Hammer**
- 50 votes for Björn Höyheim
- 28 votes for Gary Rohrer
- 67 votes for **Chris Tuggle**
- 47 votes for John Williams

Future ISAG conferences

The outline of the upcoming conference in Cape Town, South Africa 2021 was presented by members of the Local Organizing Committee.

ISAG has received five expressions of interest for the 2023 conference. James Kijas noted that a vote will be taken on preference from the membership. This is not a binding vote but very important in assisting the EC in making a final decision. Following the conference the EC will reach out to each who submitted an expression of interest to gather additional details.

- Delegates from Daejeon Korea take stage to present. (45 hands raised)
- Delegates from Grodno, Belarus take stage to present (0 hands raised)
- Delegates from Paris, France take stage to present (14 hands raised)
- Delegates from Perugia, Italy to present (24 hands raised)
- Delegates from Sydney, Australia the stage to present. (16 hands raised)

Presentations concluded and Kijas noted that ISAG is lucky to have such a wealth of conference choices.

Preference requested by show of hands and noted above next to each location.

Other business requested and none raised.

Members leaving the EC committee were recognized and thanked. They are James Kijas and Stephen Moore. Kijas reviews Moore's service to ISAG within the EC, thanks him, and asks for a round of applause. Kijas thanks the full EC and meeting organizers in Lleida for their outstanding organization of the Lleida conference.

Looft reviews James service to ISAG and thanks him for his service and is given plaque and engraved pen in thanks for all his work for ISAG.

Invitation to Cape Town, South Africa in 2021.

Meeting adjourned by James Kijas.