Organised by a standing committee \( \text{yes} \)

**Date and meeting time:** July 26, 2016; 8.30 – 12.00

**Chair, name and contact email:** Klaus Wimmers, wimmers@fbn-dummerstorf.de

**Agenda / programme attached**

**Number of participants at meeting:** about 150

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

The meeting covered presentations about (1) functional genomics studies related to specific traits and pathways, and (2) studies related to functional genome annotation including an invited talk by Prof. C. Tuggle about the current FAANG (Functional Annotation of Animal Genomes) initiative.

During the business meeting the chair informed about the `Guidelines for members and chairpersons of Standing Committees’ of the ISAG. According to these guidelines, George Liu, Shuhong Zhao and Klaus Wimmers, who served as members of the standing committee since 2008, i.e. for 2 periods of 4 years, resigned from the standing committee. Dr. Fiona McCarthy served in the standing committee since 2012; she was elected for a further term by unanimous vote. Prof. Dr. Christa Kühn, Leibniz Institute for Farm Animal Biology, Dummerstorf, Germany, Prof. Dr. Christina Olivo, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria, Madrid, Spain and Prof. Dr. Carl J. Schmidt, University of Delaware, Newark, USA volunteered as new members of the standing committee and introduced themselves. They were unanimously elected by the ISAG members participating in the meeting. The scientific program covered 10 presentations (see agenda). The contributions were selected out of more than 160 abstracts (submitted to the topic areas Bioinformatics & Statistical Genetics, Farm Animal Epigenetics and Epigenomics, Functional Genomics, and Structural and Comparative Genomics) by the members of the standing committee based on the rank sum of the individual scores.

The chair closed the session by thanking all presenters and participants for the excellent talks and active contributions to interesting discussions. The current international efforts in genome annotation that is comparable to the human Encode project provides large opportunities for interesting contributions and fruitful discussions in the upcoming Comparative and Functional genomics workshops. The program of the Epigenetics workshop, Sequencing workshop and Comparative and Functional Genomics workshop during the upcoming meetings will be discussed among the committee chairs to become complementary; the workshops will not be held in parallel.
<table>
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<tr>
<th>Time</th>
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<tr>
<td>8.30 - 8.31</td>
<td>Opening</td>
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| 8.45 - 9.45  | Effect of Rumen Content Exchange on Gene Expression in Rumen Epithelium of Lactating Cows  
Johanna Vilkki, Daniel Fischer, Ilma Tapio and Kevin J Shingfield  
Characterization of Exosomal immune-related microRNAs in colostrum and milk from Average, Low and High Immune Responder Cows  
Heba Atalla, Bonnie Mallard and Niel A Karrow  |
| 9.45 - 10.00 | Business meeting                                          |
| 10.00 - 10.30| Coffee break                                              |
| 10.30 - 11.00| Invited talk by Chris Tuggle: FAANG genome annotation!    |
| 11.00 - 12.00| Predicting Regulatory SNPs within Enhancers and Promoters in Cattle  
Quan Nguyen, Ross L Tellam, James Kijas, William Barendse and Brian P Dalrymple,  
Combining RNA Sequencing Technologies to Annotate the Bovine Genome  
Darren E Hagen, Deepak R Unni and Christine G Elsik,  
A genomic landscape of mitochondrial DNA insertions in the nuclear pig genome  
Giuseppina Schiavo1, Orsolya Ivett Hoffmann2, Anisa Ribani1, Valerio Joe Utzeri1, Marco Ciro Ghionda1, Samuele Bovo1 and Luca Fontanesi1,  
3D nuclear positioning of IGF2 alleles and trans interactions with imprinted genes  
Yvette Lahbib-Mansais1, Maria Marti Marimon1, Valentin Voillet1, Florence Mompart1, Juliette Riquet1, Sylvain Foissac1, David Robelin1, Hervé Acloque1, Yvon Billon2, Nathalie Villa-Vialaneix3, Laurence Liaubet1 and Martine Bouissou-Matet Yerle1 |

**Committee members** (the new committee)

**Chair**  
Fiona McCarthy  
term of service: 2012 – 2019  
E mail address: fionamcc@email.arizona.edu

**Other members**  
Paolo Zambonelli  
term of service: 2014 – 2017  
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Carl J Schmidt  
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