

## Minutes from the COST KeelBoneDamage MC meeting, January 25/26, Bratislava, Slovakia

Present: Appendix A

Jan 25, 2017

### 1. University introduction (Lubor Kostal)

- a. Lubor welcomed the group, and introduced the country of Slovakia (SK) – many fine things to see and he encouraged people to stay the weekend. Residents of SK are generally interested in animal welfare, though less so when it comes to actual purchasing.
- b. Lubor also reviewed some of his own research areas, including cognitive abilities of laying hens.
- c. SK was involved in the aware network and is glad to see involvement in EU-based consortiums continuing.

### 2. Introduction and Review (Mike Toscano; presentation: 1.MCAgenda.pptx)

- a. Due to insufficient attendance, we were not able to establish the required quorum for MC meetings, hence all decisions will need to be determined by evote which will be circulated in the three week period following this meeting's conclusion.
- b. Review of recent activities
  - New members (Turkey, Romania, Iceland)
  - Leaflets in 10 languages available on website
    - more are welcome
    - contact LS for the text and she will send a version in English for you to translate.
  - 4 STSMs so far, 2-3 more anticipated
  - Training School was held in August in Bern with a focus on palpation skills; SG will be presenting a recap later today
  - Researcher in Focus listed on website
    - Managed by SG 4
    - More needed!
  - Scoring system developed for radiographic images by C Rufener (U Bern)
    - High inter/intra –observer reliability
    - Paper is now being written up though e-learning tool is available (also via a link on the Action website under *Practical information for Stakeholders*)
      - Background, introduction and training  
<https://elearning.easygenerator.com/72216c67-3e26-446c-aada-ce9d1a88d8b4>
      - Recalibration tool  
<https://elearning.easygenerator.com/612772ad-e91b-4381-a875-2d28fd04d977>
  - Radiography used to conduct experiment linking keel fracture severity, healing, and productivity output (C Rufener, U Bern)
    - Unlike previous studies done in commercial housing in group-housed birds with consideration of pre-fracture data

- Strong relationships! Will be important for next month's stakeholder meeting
- ES suggested that varying severity leads to difficulty finding effects of fracture
- Manuscript being produced
- List of all published records of Keel Bone damage within commercial systems
  - On Action website under *Practical information for Stakeholders*
  - Compiled by Ana Rentsch (UBern)
  - Can be downloaded as an Excel sheet for examination
  - Please contact Lilian if you have more information to add
- Foundation for Food and Agricultural Research (FFAR) awarded 1.4 million USD in keel bone damage research to 3 projects!
  - D Karcher, Purdue University
  - M Makagon, University of California, Davis
  - I Dunn, University of Edinburgh

#### c. Planned Meetings

- Research Planning following MC meeting
  - Organized by Mirjana Đukić Stojčić
  - How can participants contribute/be involved with ongoing/future research?
    - Targets for future meetings
    - Collaboration via STSMs
    - STSM presentations today
    - Establish/encourage future collaborations
- Stakeholder input (Feb 28/March 1st in Croatia)
  - Organized by Ine Kempen & Zlatko Janjecic
  - Limited to industrial partners and those with active industrial collaborations
  - Developing materials for producers, regulators, etc.
  - **We will plan on developing the content and need your help for translation and mailing addresses**
  - IK will be giving a short explanatory presentation later today
  - ID advocated including additional players in the meeting, e.g., egg distributors

#### d. GP 3 Budget

- Agreed that this proposal would serve as the template for MT to develop a full proposal which would be circulated to the MC for evote
  - MC meeting (25 K EUR)
  - ITC conference grants (8K EUR)
  - Research
    - STSMs X 15 (37.5K EUR)
      - Objective - *each nation hosts or sends an STSM*
      - **Build on the afternoon and tomorrow's meeting**
      - Capacity building and/or research oriented
      - Subsidizing a US visit
      - STSMs start with a conversation, e.g., Mirjana and Mike
  - Capacity building

- Training Schools (20 K EUR)
  - Palpation (regional sessions?)
  - Methodologies
- Producer oriented seminars (10 K EUR)
  - Timed with release of video and pamphlet distribution

e. Reorganization of Working/Support Groups

- Agreed that, pending an evote, this would be the new WG/SG structure beginning in GP3
  - WG1
    - Leader (I Dunn)
    - R Leader (A Stratmann)
  - WG2
    - Leader (F Tuyttens)
    - R Leader (AB Riber)
  - WG3
    - Leader (M Đukić Stojčić)
    - R Leader (B Rodenburg)
  - SG4 - Research and Training Coordination
    - Leader (**B Eusemann**)
    - R Leader (**B Brugger**)
  - SG5 – Dissemination and Exploitation
    - Leader (**I Kempen**)
    - R Leader (**L Kostal**)
  - SG6 – STSM Management
    - Leader (M Zupan)
    - R Leader (**V Michel**)
  - SG7 – Monitoring Gender and Age Distribution
    - Leader (**C Rufener**)
    - R Leader (T Hansen)
  - SG8 – Webmaster
    - Leader (D Žikić)
    - R Leader (B Bilcik)

f. Comments from M Quintas

- COST has a new strategic plan
  - Promote and spread excellence
  - Fostering interdisciplinary research
  - Retaining and promoting young researchers
- ITC conference grants
  - Networking tools
  - For Ph.D. students and ERCs
- STSMs
  - 50% of reimbursement is now available on the 1<sup>st</sup> day of the STSM
  - SG asked about reducing or expediting visa problems, though MQ said the COST office could not really help
  - DK asked about STSMs within country
    - STSMs must be across nation
- MQ indicated that our current budget indicated significant underspending

#### g. General discussion

- ES mentioned that the Mediterranean Poultry Science conference could be a dissemination output, but MQ indicated this would not qualify as the Action was not being discussed specifically and an oral presentation was required
- The European Poultry Conference meeting was suggested as a dissemination expenditure
  - BR suggested holding a satellite meeting
  - LK suggested to hold the MC for GP3 in combination with the conference to reduce travel costs. The idea was generally favored and ZJ would organize to hold the MC immediately before the conference.

### 3. Planned Stakeholder meeting (Ine Kempen; presentation: 2.StkHld.IK.pdf)

#### a. ongoing and leaflet and poster production

- Material that will be of value and have impact with producers
- Attendance for meeting will focus on Action members that are industry partners and/or have strong industry links
- General Discussion
  - ID suggested we need to be careful about passing blame and what change is possible within a given timeframe
  - DK commented different lines will have different benefits
  - BR suggested including breeders
    - MT responded that we are not trying to include every single company/industry to keep the group manageable, but spaces were still available if people had suggestions
  - BR suggested production information could be persuasive but we should be careful in terms of how it could be viewed by different persons
  - ES expressed concerns with how financial analysis would be performed
    - MT explained Daniel Hoop would be assisting who has expertise with this type of analysis
    - BR further suggested Paul Jones to assist with financial analysis and would send a relevant abstract to IK

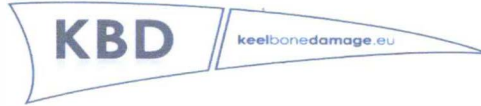
### 4. Training School held In Bern (Sabine Gebhardt: presentation: 3.TS.SG.pptx)

- Reviewed lectures provided on first day
  - Jens Peter Christensen – pathological observations on KBD
  - Jean Michel Hatt – bone healing in hens
  - Sophie Verrier – bone healing in mammals
  - Mike Petrick – improving palpation accuracy
- The TS allowed groups of researchers to assess KBF
  - Repeatability with discussion amongst members and then re-scoring
  - Palpation was then compared with radiographs
  - At end of second day, people selected birds which were then dissected so that comparisons could be made.
- Results from the exercise saw a benefit of training with a 10% improvement in agreement. SG is currently working to develop the results into a paper.
- SG also discussed the benefits and possibilities of using 3D printing keels as a training tool

5. Final to do list: what and whom

- a. More translations of the leaflet text are welcome - ALL
- b. Additional Researcher in Focus needed – SG4
- c. Post weblinks to radiographic assessment tool on website – MT/DZ
- d. Continue developing of GP2 Stakeholder input meeting in Zagreb – IK/ZJ
- e. Develop and circulate GP 3 budget proposal for MC approval – MT
- f. Circulate the revised WG/SG list for MC approval by evote – MT
- g. GP2 budget needs to be revised to reflect altered priorities – MT
- h. Possibilities of 3D printing keels as a training tool needs to be investigated -SG

# Appendix A – Attendance



## COST Action CA15224 - MC Meeting, January 25 2018 - Bratislava, Slovakia

09:00 – 12:00 Management Committee Meeting

CTRY	Title	Firstname	Lastname	Position	Signature
n/a	Dr	Michael	Toscano	MC Chair	
DK	Mr	Jørgen Nyberg	Larsen	MC Member	
ES	Prof	Alejandro B.	Rodríguez Navarro	MC Member	
FR	Dr	Virginie	Michel	MC Member	
EL	Dr	Evangelia	Sossidou	MC Member	
HR	Prof	Zlatko	Janjecic	MC Member	
IS	Mr	Brigitte	Brugger	MC Member	
NL	Dr	Bas	Rodenburg	MC Member	
RO	Prof	Gabriela	DUMITRESCU	MC Member	
RO	Ms	Ionelia	Taranu	MC Member	
SE	Prof	Dirk-Jan	Koning	MC Member	
SI	Dr	Manja	Zupan	MC Member	
SK	Dr	Lubor	Kostal	MC Member	
SK	Dr	Boris	Bilcik	MC Member	
TR	Prof	Nilufer	Sabuncuoglu Coban	MC Member	
BE	Ms	Ine	Kempen	MC Member	
BG	Dr	Ivan	Dimitrov	MC Member	
CH	Dr	Sabine G.	Gebhardt-Henrich	MC Member	
RS	Prof	Mirjana	Djukic Stojcic	MC Member	
RS	Prof	Renata	Relic	MC Member	
DE	Dr	Stefanie	Petow	MC Substitute	
UK	Dr	Ian	Dunn	MC Substitute	
TR	Mr	Enver	Çavuşoğlu	MC Substitute	