XII\textsuperscript{th} International Symposium of Animal Biology and Nutrition

Organised by the National Research Development Institute for Animal Biology and Nutrition – IBNA Balotesti

14 November 2014

\textit{Symposium venue: Meeting hall of the National Research Development Institute for Animal Biology and Nutrition, Calea Bucuresti 1, Balotesti, Ilfov}

\section*{PROGRAM}

\begin{tabular}{ll}
08.30 - 09.00 & Registration \\
09.00 - 09.30 & Official opening/ Welcome words \\
09.30 - 11.00 & THEATRE SESSION \\
09.30 – 9.50 & Horia GROSU, Catalin DRAGOMIR, Elena GHITA, Ionelia TĂRANU, Rodica Diana CRISTE, Mihaela HĂBEANU – INCDBNA - Balotesti: Past, Present and Prospects \\
9.50– 10.35 & Presentations of international projects: \\
& \textbullet\ FP7 „SOLID” (C. Dragomir) \\
& \textbullet\ Eureka „Vegg4Egg” (M. Olteanu) \\
& \textbullet\ FP7 „FOODSEG” (D. Marin) \\
& \textbullet\ Erasmus+ „LiveNutrition” (M. Habeau) \\
& \textbullet\ COST „PigGut” (I. Taranu) \\
& \textbullet\ COST „DairyCare” (C. Dragomir) \\
& \textbullet\ Danube Strategy „Dannulnteg” (C. Dragomir) \\
& Presentation of Animal Task Force initiative - ATF (C. Dragomir) \\
10.35– 11.00 & Robert H MADDEN – A United Kingdom microbiological survey of pre-packed ready-to-eat sliced meats at retail in small to medium sized enterprises \\
11.00 - 11.30 & \textit{Coffee break} \\
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11.30 - 13.00  FIRST SESSION OF SCIENTIFIC COMMUNICATIONS

Daniela Eliza MARIN  Ochratoxin A and immunity - implications for health

Svetlana GRIGOROVA  Natural sources of β-carotene and lycopene in laying hens’ nutrition

Nicolae CORCIONIVOSCHI  Virulence characteristics of Campylobacter jejuni isolates from the west part of Romania

Stela ZAMFIRESCU  Hormone free-based AI protocols for inducing and synchronizing ovulations in out of breeding season at Carpathian goat

Virgil Ionel CRISTE  Environmental impact in using poultry manure as organic fertilizer

Gina Cecilia PISTOL  The effects of Zearalenone on inflammatory responses in swine liver and spleen – a comparative study

Kristina MORKUNIENE  Genomic selection in dairy cattle

13.00 - 14.00  Lunch

14.00 -16.00  SECOND SESSION OF SCIENTIFIC COMMUNICATIONS

Alexandra KONSTANDOGLO  The use blood groups with individual selection of cattle

Krum NEDELKOV  Use of the “dynamic effect” of flushing to increase the fertility rate of ewes from Pleven Blackhead breed

Margareta OLTEANU  Preliminary research on the use of winery by-products in layer diets high in unsaturated fatty acids

Cristina LAZĂR  Comparative study in vivo and carcass measurements for evaluation of meat production on Teleorman Black Head lambs

Veronica Sanda CHEDEA  Assessment of grape pomace enriched feed for weaned piglets
Smaranda TOMA Feeding particularities of some Romanian winery and oil extraction by-products

Rodica CHETROIU Technical-economic and agro-environment models of goats raising holdings

Gabriela Maria CORNESCU Organic trace elements (Cu, Fe, Mn, Zn) in laying hens diets and benefits concerning their dietary inclusion

Arabela UNTEA Study on the relation between dietary Cr(III) and the metabolism of other trace minerals in growing pigs

Sema YAMAN Copper and zinc status of blood serum and wool of Akkaraman sheep in grazing season related to pasture mineral content in Ankara Province

16.00 -17.00 POSTER SESSION

Larisa CREMENEAC Evaluation of the quality and productivity of maize grown with worms compost

Vasilika DINI Study of haematological parameters according age, season and physiological status in cattle

Dorica VOICU Influence of various proportions of sorghum included in the compound feeds for fattening steers on animal health state and on the fatty acids profile of Longissimus dorsi muscle

Nurgin MEMIŠI Influence of nutrition on fertility traits of goats

Tatiana PANAITE Study concerning the nutritional potential of some food industry, by-products included in laying hens diets.

Yalcin BOZKURT Possible use of artificial neural networks for evaluation of carcass quality

Nicoleta LEFTER Effects of dietary grape seed cake on growth performances and meat quality in pigs

Ana ANGHEL Methodology for accounting the material and energy flows

Branka VIDIĆ Control measures of zoonozes at the farm level and food safety
Elena GHITA  
Study concerning the ultrasound measurements of *Longissimus dorsi* muscle and subcutaneous fat thickness in Romanian local breeds lambs

Anca GHEORGHE  
Influence of dietary protein levels and protein-oleaginous sources on carcass parameters and fatty acid composition of broiler meat

Iulia VARZARU  
Effects of the oily seeds supplemented diets on the protein quality of some animal products (eggs and breast) from laying hens

Vasilika DINI  
Haematological parameters of rainbow trout

Radu BURLACU  
Testing and evaluation of the mathematical models used in farm animal nutrition

Stela ZAMFIRESCU  
Comparative studies on „*in vitro*” and „*in vivo*” cryopreservation performances of ram semen by applying combined preserving and AI technology

Irina TOPOLEANU  
Results regarding the use of prostaglandin-based AI protocols in the breeding season at Carpathian goat

Andreea ANGHEL  
The use of prostaglandin-based AI protocols for inducing and synchronizing ovulations in out of the breeding season at Carpathian goat

Nicolae DOBRIN  
Flow cytometry method applied in determining of cryopreserved buck semen quality

Ana ANGHEL  
The accounting of material flows and energy tool for improving the environmental performance of organizations

Madalina Georgeta ARAMA  
Evaluation of environmental performance for organizations in the food industry according to EMAS III

Nicolae DOBRIN  
Study of the effects of exposure to different levels of energy generated by a He-Ne laser beam on the quality of the cryopreserved and thawed ram semen

Samuel Emmanuel ALU  
Effect of graded levels of toasted flamboyant (*Delonix regia*) seed meal on the performance of weaner rabbits (*Oryctolagus cuniculus*)

17.00  **Cocktail**