XIth International Symposium of Animal Biology and Nutrition

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

15 November 2012

Symposium venue: Assembly hall of the Academy of Agricultural and Forestry Sciences „Gheorghe Ionescu Şişeşti”, B-dul Mărăşti 61, sector 1, Bucharest

PROGRAM

09.00 - 09.30 Registration

09.30 - 10.00 Official opening

10.00 - 11.30 Theatre session

10.00 – 10.20 Horia Grosu, Catalin Dragomir – INCDBNA - Balotesti: Past, present and perspectives

10.20 – 10.40 Alexandru T. Bogdan – Complexity of the laboratory researches on the zootechnical biodiversity and their integration in the agrifood eco-bio-economy

10.40 – 11.10 Catalin Dragomir, Marketta Rinne, David Yanez Ruiz – Industrial by-products: potential for low-input ruminant feeding and knowledge gaps

11.10 – 11.30 Sema Yaman – Effect of forage dry matter content and bale size on chemical properties, fermentation characteristics, aerobic stability, metabolisable energy and organic matter digestibility of vetch-barley ensiled in round bales

11.30 - 12.00 Coffee break
### 12.00 - 14.00  **First session of scientific communications**

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<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
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<tbody>
<tr>
<td>Ilias GIANNENAS</td>
<td>Effects and modes of action of dietary essential oils in dairy ruminants</td>
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<td>Ionelia TARANU</td>
<td>Zearalenone, a natural feed and food contaminant caused severe alterations of hepatic immune defence</td>
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<td>Nicoleta CIUCA</td>
<td>Influence of the dietary camelina oil and of a mixture of plant extracts rich in antioxidants on fatty acid (FA) composition and lipoperoxidation process of <em>Longissimus dorsi</em> muscle on Large White finishing pigs</td>
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<td>Marin YOSSIFOV</td>
<td>Effects of dietary source of protein on lactating dairy sheep performance</td>
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<td>Arabela UNTEA</td>
<td>Correlations between the dietary Cu and Zn given to weaned piglets and their level in piglet organism</td>
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<td>Mariana ROPOTA</td>
<td>Variation of the fatty acids profile in the milk of cows raised on improved Romanian sub alpine pastures</td>
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<tr>
<td>Iulia VARZARU</td>
<td>Evaluation of the amino acids content of new forages used in layer diets</td>
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<tr>
<td>Constantin Sorin MIHAI</td>
<td>The influence of dietary protein level and type of litter on the incidence and severity of foot pad dermatitis in broiler chicks</td>
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### 14.00 - 15.00  **Lunch**

### 15.00 -17.00  **Second session of scientific communications**

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<tr>
<th>Presenter</th>
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<tbody>
<tr>
<td>Alexandru NASTASE</td>
<td>Economic evaluation of heterosis in two different laying hen populations</td>
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<td>Cristina LAZAR</td>
<td>Comparative study between noninvasive ultrasound with classical methods for improving evaluation of sheep meat production on Black Head Teleorman lambs in Romania</td>
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<td>Margareta OLTEANU</td>
<td>Considerations on the importance of determining the incertitude of the analytical measurement of a dietary nutrient</td>
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<tr>
<td>Andreea VASILACHI</td>
<td>Effect of the dietary camelina meal (9%) on layer performance</td>
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<td>Nela DRAGOMIR</td>
<td>Development issues strategies to promote local products for sustainable development</td>
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<td>Mircea BARA</td>
<td>Researches on the evolution of use at artificial insemination of beef bull semen from SEMTEST Craiova in the period of 2003-2011</td>
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<td>Tatiana BOCLACI</td>
<td>Some aspects of feed-grade beet crops improvement using worm compost</td>
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<td>Loredana RĂHĂU</td>
<td>A new product used for the ecological feeding of the poultry</td>
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<tr>
<td>Sorin LUNGU</td>
<td>Properitoneal transponder implant by patent of umbilical cord, as an alternative methodology for electronic ruminant identification</td>
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17.00 -18.00 Poster session

Dimitar GUDEV  Effect of acute heat stress on some hematological parameters, trace elements and meat quality in rabbits

Vasilika DINI  The infestation level of sheep from Paramphistomum spp. and its effect on hematological parameters of blood.

E. HAZUCHOVÁ  Animal genetic resources in Slovakia

Viorica BOBOC  Strategies of integrated management applied in ecologic and conventional agro-zootecnic ecosystems, to improve plant and animal health, food safety, to increase animal performance and low-input food production

Viorica BOBOC  Functional models of integrated strategic partnership in agriculture and animal husbandry: alliances by sector and groups of ecotechnological and agrofood products


Jadranka ZUTIC  Antimicrobial resistance observed in Escherichia coli isolates from pigs

Larisa CREMENEAC  Influence of worm compost on the quality and harvest of corn

Danlami MOSES OGAH  Genetic parameter estimate of growth traits of two ecotypes of Muscovy duck


Kiril FILEV  Effect of artificial moulting in brown laying hens on production of enriched eggs with DHA

Carmen Georgeta NICOLAE  Study concerning the determination of causal components of variance of some quantitative character in some carp populations.

Viorel DANACU  Revival of the Romanian agriculture

Larisa CAISIN  The influence of Primix-Alfasorb on growth performance, nutrients digestibility and blood parameters of breeding gilts

Zaprionka SHINDARSKA  Comparative characterization of biomass from renewable energy crops as a source for biological fuel

Atanaska TENEVA  Pilot study of Bulgarian shepherd dog genome

Atanaska TENEVA  Microsatellites – marker of choice for livestock genetic analysis

Nela DRAGOMIR  Romanian traditional products between local and global

S. ENTON  Some resultants of study of circadian feeding rhythms and feed utilization efficiency by trout Oncorhynchus mykiss Walbaum, 1792 in cases of self-feeders use
Elena SOGORESCU  Pattern of progesterone, secretion and characteristics of breeding season and anoestrus period after applied photoperiod treatments and male effect on Carpathian goats

Teodora POPOVA  Comparative testing of effect of superphosphates for decontamination of cattle manure

Slavica SREDANIVIC  Reducing Microbial Contamination of Sunflower Meal by Extrusion

Marsida BLLACA  Qualitative and quantitative changes in hydrobiont populations stocked with grass carp

Engin UNAY  Digestibility of vetch-cereals stored with different methods

Marcel Theodor PARASCHIVESCU  Bioethics and animal welfare

Tatiana PANAITE  Effect of the dietary buckthorn (*Hippophaë rhamnoides* L.) powder given to layers on the physical parameters of the eggs

Eugenia MIRCEA  Partial replacement of the inorganic salts of Cu, Fe, Mn and Zn from the diets of weaned piglets (10 – 30 kg) by Echinacea (*Echinacea purpurea*)

Calin Alexandru ILIESCU  Optimizing the breeding objectives for production and reproduction traits in a maternal pigs line

Calin Alexandru ILIESCU  Estimation of the genetic parameters in a Large White maternal Romanian Breed

Maria CORNESCU  Effect of vitamin A supplements to layer diets with Camelina (*Camelina sativa*) meal on egg quality

Sabinc Silviu BARA  Double and triple impact bull semen technology

R. MIRNAWATI  The effects of humic acid addition in drinking water on the performance of broilers fed diet containing fermented and non-fermented palm kernel cake

Anca GHEORGHE  Influence of the dietary protein sources and levels on the bioproductive performance of two commercial broiler hybrids

19.00  Official dinner