

# XI<sup>th</sup> International Symposium of Animal Biology and Nutrition

Organised by the  
**National Research Development Institute  
for Animal Biology and Nutrition – IBNA Balotești**  
**15 November 2012**

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

## PROGRAM

09.00 - 09.30	<b>Registration</b>
09.30 - 10.00	<b>Official opening</b>
10.00 -11.30	<b>Theatre session</b>
10.00 – 10.20	<b>Horia Grosu, Catalin Dragomir</b> – INCDBNA - Balotesti: Past, present and perspectives
10.20 – 10.40	<b>Alexandru T. Bogdan</b> – Complexity of the laboratory researches on the zootechnical biodiversity and their integration in the agrifood eco-bio-economy
10.40 – 11.10	<b>Catalin Dragomir, Marketta Rinne, David Yanez Ruiz</b> – Industrial by-products: potential for low-input ruminant feeding and knowledge gaps
11.10 – 11.30	<b>Sema Yaman</b> – 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	<b>Coffee break</b>

## 12.00 - 14.00 **First session of scientific communications**

<b>Ilias GIANNENAS</b>	Effects and modes of action of dietary essential oils in dairy ruminants
<b>Ionelia TARANU</b>	Zearalenone, a natural feed and food contaminant caused severe alterations of hepatic immune defence
<b>Nicoleta CIUCA</b>	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 <i>Longissimus dorsi</i> muscle on Large White finishing pigs
<b>Marin YOSSIFOV</b>	Effects of dietary source of protein on lactating dairy sheep performance
<b>Arabela UNTEA</b>	Correlations between the dietary Cu and Zn given to weaned piglets and their level in piglet organism
<b>Mariana ROPOTA</b>	Variation of the fatty acids profile in the milk of cows raised on improved Romanian sub alpine pastures
<b>Iulia VARZARU</b>	Evaluation of the amino acids content of new forages used in layer diets
<b>Constantin Sorin MIHAI</b>	The influence of dietary protein level and type of litter on the incidence and severity of foot pad dermatitis in broiler chicks

## 14.00 - 15.00 **Lunch**

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

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

## 17.00 -18.00 **Poster session**

<b>Dimitar GUDEV</b>	Effect of acute heat stress on some hematological parameters, trace elements and meat quality in rabbits
<b>Vasilika DINI</b>	The infestation level of sheep from <i>Paramphistomum</i> spp. and its effect on hematological parameters of blood.
<b>E. HAZUCHOVÁ</b>	Animal genetic resources in Slovakia
<b>Viorica BOBOC</b>	Strategies of integrated management applied in ecologic and conventional agro-zootechnic ecosystems, to improve plant and animal health, food safety, to increase animal performance and low-input food production
<b>Viorica BOBOC</b>	Functional models of integrated strategic partnership in agriculture and animal husbandry: alliances by sector and groups of ecotechnological and agrofood products
<b>Mircea VOINEA</b>	New solutions to compost the agro-zootechnical organic waste using worm culture BioHumusSol.
<b>Jadranka ZUTIC</b>	Antimicrobial resistance observed in <i>Escherichia coli</i> isolates from pigs
<b>Larisa CREMENEAC</b>	Influence of worm compost on the quality and harvest of corn
<b>Danlami MOSES OGAH</b>	Genetic parameter estimate of growth traits of two ecotypes of Muscovy duck
<b>Manuela Gianina BACANU</b>	The influence of food quality on growth performance and intestinal microbiota of sterlet ( <i>Acipenser ruthenus</i> , Linnaeus, 1758).
<b>Kiril FILEV</b>	Effect of artificial moulting in brown laying hens on production of enriched eggs with DHA
<b>Carmen Georgeta NICOLAE</b>	Study concerning the determination of causal components of variance of some quantitative character in some carp populations.
<b>Viorel DANACU</b>	Revival of the Romanian agriculture
<b>Larisa CAISIN</b>	The influence of Primix-Alfasorb on growth performance, nutrients digestibility and blood parameters of breeding gilts
<b>Zaprionka SHINDARSKA</b>	Comparative characterization of biomass from renewable energy crops as a source for biological fuel
<b>Atanaska TENEVA</b>	Pilot study of Bulgarian shepherd dog genome
<b>Atanaska TENEVA</b>	Microsatellites – marker of choice for livestock genetic analysis
<b>Nela DRAGOMIR</b>	Romanian traditional products between local and global
<b>S. ENTON</b>	Some resultants of study of circadian feeding rhythms and feed utilization efficiency by trout <i>Oncorhynchus mykiss</i> Walbaum, 1792 in cases of self-feeders use

<b>Elena SOGORESCU</b>	Pattern of progesterone, secretion and characteristics of breeding season and anoestrus period after applied photoperiod treatments and male effect on Carpathian goats
<b>Teodora POPOVA</b>	Comparative testing of effect of superphosphates for decontamination of cattle manure
<b>Slavica SREDANIVIC</b>	Reducing Microbial Contamination of Sunflower Meal by Extrusion
<b>Marsida BLLACA</b>	Qualitative and quantitative changes in hydrobiont populations stocked with grass carp
<b>Engin UNAY</b>	Digestibility of vetch-cereals stored with different methods
<b>Marcel Theodor PARASCHIVESCU</b>	Bioethics and animal welfare
<b>Tatiana PANAITE</b>	Effect of the dietary buckthorn ( <i>Hippophaë rhamnoides</i> L.) powder given to layers on the physical parameters of the eggs
<b>Eugenia MIRCEA</b>	Partial replacement of the inorganic salts of Cu, Fe, Mn and Zn from the diets of weaned piglets (10 – 30 kg) by Echinacea ( <i>Echinacea purpurea</i> )
<b>Calin Alexandru ILIESCU</b>	Optimizing the breeding objectives for production and reproduction traits in a maternal pigs line
<b>Calin Alexandru ILIESCU</b>	Estimation of the genetic parameters in a Large White maternal Romanian Breed
<b>Maria CORNESCU</b>	Effect of vitamin A supplements to layer diets with Camelina ( <i>Camelina sativa</i> ) meal on egg quality
<b>Sabinc Silviu BARA</b>	Double and triple impact bull semen technology
<b>R. MIRNAWATI</b>	The effects of humic acid addition in drinking water on the performance of broilers fed diet containing fermented and non-fermented palm kernel cake
<b>Anca GHEORGHE</b>	Influence of the dietary protein sources and levels on the bioproductive performance of two commercial broiler hybrids

**19.00 Official dinner**