



**National Research-Development Institute
for Animal Biology and Nutrition**

14th International Symposium of Animal Biology and Nutrition

**28-29 September 2017
Ramada Plaza Hotel, Bucharest**

PROGRAM

THURSDAY, 28 SEPTEMBER, 2017

08.30 - 09.00 **Registration**

09.00 - 10.00 **Welcome & background presentations:**

Lucian-Puiu Georgescu <i>Minister of Research and Innovation</i>	Official opening
Horia Grosu <i>General Director INCDBNA</i>	Evolution of INCDBNA 2016-2017
Antonella Baldi <i>EAAP representative</i>	# Presentation of the European Federation of Animal Science (EAAP) # Cell model in animal nutrition: an important tool for evaluating the bioactivity of feed components and additives
Pascal Oltenacu <i>Prof, University of Florida, USA</i>	# Animal Science departments in a changing world

10.00 – 12.15 **FIRST SESSION OF SCIENTIFIC COMMUNICATIONS**

“Poultry nutrition – nutritionally-enhanced food and consumers’ target groups” –
Round table (*jointly organised with GalimPlus project*)



Yves Nys	The egg – functional food
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10.30 – 10.45 COFFEE BREAK

Ilie Van	Enrichment of eggs and poultry meat in nutrients beneficial to human health
Cristinel Panaite	Importance of implementing innovation in poultry production by association with research
Margareta Olteanu	Presentation of GalimPlus project
Tatiana Panaite	IBNA expertise in the production of functional foods

12.15 - 13.15 LUNCH

13.15 - 15.15 SECOND SESSION OF SCIENTIFIC COMMUNICATIONS

	<p>COST Action FA1401 <i>Gastro-intestinal microbial balance and the impact on the health status of pigs</i> - Young scientists' session (jointly organised with the COST (PiGuNet project))</p>	
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Diana Luise	Variations in cecum microbial composition among performance-tested Italian Landrace, Italian Large White, and Italian Duroc pigs
Laurentiu Mihai Palade	Dietary <i>Cannabis sativa</i> L. (Hemp) seed meal improves oxidative stress response in sows and offspring
Li Bing	Effect of inulin supplementation of piglets only during the lactation period on the gut microbiota and immune response and its impact until 7 weeks post-weaning.
Gina Cecilia Pistol	Analysis of the effects of polyphenol - enriched grape pomace extract and Lactobacili mixture in LPS-treated Caco-2 cells using array technologies
Mislav Didara	Activity of intestinal alkaline phosphatase in gut tissue and faeces as a marker of gut health
Mihaela Dumitru	Assessing of morphological, biochemical profile and enzymatic activity of a new microbial strain isolated from ileum intestinal content of turkey
Su Luo	Specific intestinal toxicity of deoxynivalenol and cadmium: analysis on pig jejunal explant

15.15 - 15.30 COFFEE BREAK

15.30 -18.00 THIRD SESSION OF SCIENTIFIC COMMUNICATIONS

“Research solutions to the XXI-th century’ challenges, from the animal nutrition and biology field”

Raluca Mateescu	Genomics tools for thermotolerance in beef cattle
Akhter Shamim	Avian egg yolk and cryopreservation of buffalo semen
Cristina Lazar	Multiple regression equations used to estimate sheep meat production by ultrasound and carcass measurements
K. Nedelkov	Determination of rumen degradability, intestinal digestibility and protein value of Bulgarian sunflower cake
Maria Chrenková	Different methods for estimation of protein intestinal digestibility in ruminants
Andreea Vasilachi	Assessment of an alternative protein source for dairy cattle nutrition

Nikolai Todorov	The new approach in the production and the use of sunflower meal
Kishlua Rao	An Ayurvedic approach to the treatment of RFM / ROP
Svetlana Kulibaba	Trace elements in chelates form use in cows feeding in conditions of copper, zinc and manganese lack in vegetable feeds of Forest-Steppe zone of Ukraine
Lyubov Shulika	Genetic structure of Rhode-Island Red chicken breed population on PRL and INS loci. Associations between genotype and chicken productivity
M. Th. Paraschivescu	Current agricultural zoo-cultural systems
Victor Țiței	Prospects of some new and non-traditional fodder crops for silage in Republic of Moldova

18.00 -18.30 POSTER SESSION

Anghel Andreea	Chemical composition and fatty acid profile of Carpathian goat milk as related to the stage of lactation
Ben Abdelmalek Yomna	Incorporation of distilled rosemary leaves and linseed in Barbarine cull ewes diet: effect on weight gain, body condition and carcass characteristics
Chedea Veronica Sanda	Grape pomace in piglets' feed – an absorption study
Chrastinová Lubica	The effects of Enterocin M and Durancin ED26E/7 substances applied in drinking water on the selected carcass characteristics and meat quality of broiler rabbits
Cornescu Gabriela	Influence of dietary high levels of crude fiber in pigs diet (25-80 kg) on their productive performances
Coșman Sergiu	Study on the determination of the chemical composition, nutritional value and efficiency of the use of dried grape marc in the composition of the mixed fodder
Danilov A.	Effectiveness of usage of cake obtained from grape seeds in the food of pigs for fattening
Dragomir Catalin	Effects of cinnamaldehyde and carvacrol essential oils on the rumen parameters of wethers
Enculescu Marinela	The effects of the <i>saccharomyces cerevisiae</i> used in the dairy cows food
Gheorghe Anca	Effects of dietary sorghum, as partial substitute of corn, on breast muscle chemical composition and amino acids profile in broiler chickens
Ghiță Elena	Comparative research for in vivo evaluation of Romanian local lamb breeds carcass quality
Gras Mihai	Lactoglobulin, casein and myostatin polymorphism in

	Transylvanian Merino sheep
Hăbeanu Mihaela	Changes of certain plasma parameters as effect of dietary peas and linseed (3:1) in weaning piglets
Hăbeanu Mihaela	Assessment of the effects of dietary Albanus sorghum on some biochemical parameter in weaning piglets
Kusza Szilvia	Competitive allele specific genotyping of 48 single nucleotide polymorphisms in Saanen and French Alpine goat breeds and their association with milk production traits
Lefter Nicoleta Aurelia	The influence of sorghum grain inclusion in dairy cattle diet on milk yield and composition
Marin Daniela	Comparative effect of ochratoxin A and aristolochic acid on the pig kidney
Moses Ogah Danlami	Mitochondrial DNA polymorphism in Nigeria indigenous turkey population
Panaite Tatiana	Studies concerning different levels of dietary fibre on pig meat quality (80 kg)
Pelmuş Rodica	Study on milk composition and milk protein polymorphism in Holstein cattle
Pistol Gina Cecilia	The effects of grape waste bioactive compounds on the immune response and oxidative stress in pig kidney
Sărăcila Mihaela	Effect of dietary rosehip oil given to broilers (14-35 days) reared at 32 °C on the caecal microbial population of broilers
Simeonov Miroslav	Rumen degradability of dry matter and protein in four basic protein sources participating in the rations of ruminants
Spasevski Nedeljka	Effect of different levels of marigold and paprika on egg production and yolk colour
Stoycheva Ina	Changes in composition, plant cell walls fiber components and enzyme digestibility of temporary and natural pasture
Stoycheva Ina	Feeding female lambs with peas and soybeans as protein sources
Tabuc Cristina	Obtaining a feed additive with probiotic role for using in piglets in the weaning crisis
Toma Smaranda	The influence of alternative protein by-products, milk thistle and coriander seed cakes, on the rumen parameters of wethers
Turcu Raluca	The amino acids profile of the meat from broilers fed with dietary food industry by-products (buckthorn, flaxseed and pumpkin meal)
Vasilachi Andreea	Effect of a high content of polyunsaturated fatty acids concentrate mix fed to dairy cattle in gestation-lactation phase - preliminary data
Vlaicu Alexandru	Effect of the <i>Salix alba cortex</i> extract on the productive performances of broilers (14-28 d) reared under heat stress

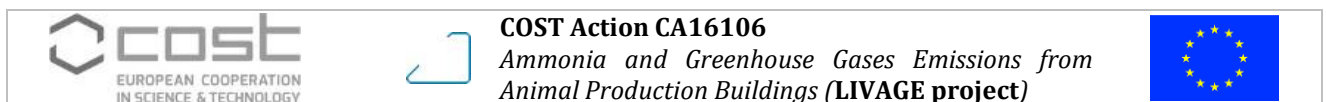
	(32°C)
Vlassa Mihaela	Determination of odd- and branched-chain fatty acids and purine derivatives in cow's milk using chromatographic methods
Voaides Catalina	Testing of some DNA isolation methods from ruminal fluid
Yagoubi Yathreb	Effects of rosemary distillation residues insertion in feed blocks on growth and digestive parameters for Barbarine ewe-lambs

19.00 GALA DINNER (at Ramada Plaza Hotel)

FRIDAY, 29 SEPTEMBER, 2017

“Ammonia & greenhouses gases from animal production” workshop (open access)

Jointly organised by INCDBNA and COST LivAGE Action



08.30 - 09.00 **Registration**

09.00 – 11.00 **FIRST SESSION OF PRESENTATIONS**

WORKING GROUP 1 - Monitoring indoor climate and gaseous emissions from animal production buildings

moderated by Mélynda Hassouna

WORKING GROUP 2 - Modelling ammonia and GHG emissions from animal production buildings

moderated by André Aarnink

11.00 - 11.30 *COFFEE BREAK*

11.30 - 13.00 **SECOND SESSION OF PRESENTATIONS**

WORKING GROUP 3 - Environmental assessment of housing systems and emission reduction technologies

moderated by Kamila Kočí

WORKING GROUP 4 - Technology/Knowledge Transfer - Dissemination – Training-Outreach activities

moderated by Salvador Calvet

13.00 – 14.00 **DISCUSSIONS & DEBATES**

*moderated by Guoqiang Zhang (LivAGE project coordinator)
Catalin Dragomir (LivAGE local coordinator)*

14.00 *LUNCH*